DOCUMENT RESUME

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ABSTRACT

This annotated list of instructional films arranged by subject area is the most recent major catalog published by the University of Connecticut Center for Instructional Media and Technology. Over 1,000 additional titles are available in the 1976 supplement (IR 005 074). Annotations include the running time, the type (black and white or color), and the rental cost. Graduate programs in Instructional Media and Technology at the University of Connecticut are briefly described. (DAG)

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1881

THE UNIVERSITY OF CONNECTICUT
INSTRUCTIONAL FILMS

1974-

CENTER FOR INSTRUCTIONAL MEDIA & TECHNOLOGY

THE UNIVERSITY OF CONNECTICUT

Storrs, Connecticut 06268

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IR005073

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The
University
of
Connecticut

STORRS, CONNECTICUT 06268

SCHOOL OF EDUCATION
Audiovisual Center

June 1974

Dear Customer:

This new edition of the film catalog represents a landmark in the evolution of our film rental service. Not only has there been a change in the size and format of the catalog but this edition represents the implementation of our new policy to considerably expand and update the holdings of the film library. As many of you are aware, we have in recent months made a concerted effort to add entire libraries of a number of major film distributors. This catalog contains 2000 new titles and our total holdings now number well over 5000 films.

This catalog represents another step in our continuing effort to keep you informed of our film service through periodic mailings of film announcements, brochures, news letters, and catalogs. We plan to publish future editions of this catalog once every three years with interim updating through news releases and a supplement.

In addition to our film rental service, many of our customers have expressed a general or professional interest in our graduate degree programs in instructional media and technology. In response to this interest, we have included a section which describes in detail the various programs available on the Master's, Sixth Year, and Doctoral degree levels. I will be pleased to provide further information on any of these professional programs.

It is anticipated that you will find this catalog helpful in serving your film needs. The faculty and staff are committed to providing prompt, efficient service whenever humanly possible. I trust we may continue to warrant your business and provide a valuable service to the ultimate beneficiary, the learner. Your comments and suggestions are always welcomed as they help us to assist you more effectively. Your past and continued support of the Center and the University of Connecticut are most sincerely appreciated!

Cordially,

Phillip J Sleeman

Phillip J. Sleeman, Director
Center for Instructional Media & Technology
Professor of Education

PJS:t

Center for Instructional Media
and
Educational Technology Staff

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Dr. Suleiman D. Zalatimo, Assistant Director, Associate Professor of Education
Dr. James C. Reynolds, Director Film Library, Assistant Professor of Education
Dr. Paul A. Scholl, Campus Media Development, Assistant Professor of Education
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Paula D'Alton, Graphics
Christine Becker, Media Distribution
Bruce Chakrin, Media Distribution
Jane Fedorowicz, Media Distribution
Terry Murphy, Media Distribution
Paul Portnoy, Media Distribution
Bernard Szreders, Media Distribution
Jon Thouin, Media Distribution
James Broatch, Film Shipping and Receiving
Mark Kirk, Film Shipping and Receiving
Sheng-huey Wang, Film Shipping and Receiving

1974

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HOLIDAYS

1974

Jan. 1 – New Year's Day
Feb. 11 – Lincoln's Birthday
Feb. 18 – Washington's Birthday
Apr. 12 – Good Friday
Apr. 14 – Easter
May 27 – Memorial Day
July 4 – Independence Day
Sept. 2 – Labor Day
Oct. 14 – Columbus Day
Oct. 28 – Veteran's Day
Nov. 28 – Thanksgiving Day
Dec. 25 – Christmas Day

1975

Jan. 1 – New Year's Day
Feb. 10 – Lincoln's Birthday
Feb. 24 – Washington's Birthday
Mar. 28 – Good Friday
Mar. 30 – Easter
May 26 – Memorial Day
July 4 – Independence Day
Sept. 1 – Labor Day
Oct. 13 – Columbus Day
Oct. 27 – Veteran's Day
Nov. 28 – Thanksgiving Day
Dec. 25 – Christmas

1976

Jan. 1 – New Year's Day
Feb. 9 – Lincoln's Birthday
Feb. 23 – Washington's Birthday
Apr. 16 – Good Friday
Apr. 18 – Easter
May 31 – Memorial Day
July 4 – Independence Day
Sept. 6 – Labor Day
Oct. 11 – Columbus Day
Oct. 25 – Veteran's Day
Nov. 25 – Thanksgiving Day
Dec. 25 – Christmas Day

1977

Jan. 1 – New Year's Day
Feb. 14 – Lincoln's Birthday
Feb. 21 – Washington's Birthday
Apr. 8 – Good Friday
Apr. 10 – Easter
May 30 – Memorial Day
July 4 – Independence Day
Sept. 5 – Labor Day
Oct. 10 – Columbus Day
Oct. 24 – Veteran's Day
Nov. 24 – Thanksgiving Day
Dec. 25 – Christmas

Film Rental Information

Who May Rent

Film service is available to recognized schools, institutions and organizations, as well as responsible individuals, located in the New England, New York, New Jersey and Middle Atlantic regions.

Restrictions

Use of the films is restricted to bonafide educational purposes. Under no circumstances may admission be charged directly or indirectly.

Films may not be used for television purposes, including any form of transmission and videotape copying, unless the user has obtained prior written permission from the copyright holder. Contact the appropriate distributor for copyright referral; the Center does not have this information.

Using the Catalog

All of the films are 16mm sound motion pictures unless otherwise noted. Identify the general subject areas you are interested in by consulting the *Topical Index to Subject Headings* starting on Page 15. Consider several related areas rather than one heading alone.

Next, consult the section entitled *Subject Heading and Grade Level Index* starting on Page 17 to identify specific film titles under each subject heading. NOTE: With the many new creative ways that films are currently being utilized (i.e., showing only a segment, with or without sound, open-ended, etc.), your use may vary from the suggested grade level.

Finally, turn to the *Alphabetical List of Film Titles and Descriptions* starting on Page 51 for detailed information on each title, such as content, running time, color or black and white, production date, rental rate, producer, distributor, suggested grade levels, and a cross-index of related subject headings. The cross-index will direct you to other related films.

How to Order

Films should be ordered by mail at least three weeks in advance of the date desired. Telephone orders will be accepted only on an emergency basis and limited to a maximum of two films.

Films are mailed five to seven days in advance of the utilization dates. Requests that fail to allow adequate time for processing and shipment cannot be handled.

If it becomes necessary to cancel a previously scheduled film booking, notice must be received at least two weeks prior to the scheduled shipping date that appears on the confirmation copy of the rental booking. Cancellation requests received less than two weeks prior to the scheduled shipping date will not be honored and the customer is obligated to pay the rental charges.

How to Order (con't.)

For convenience, you may use the film rental order form located at the back of this catalog. Additional copies of this form are available from the Center. If an order form is not available, be sure to provide the following information.

a. Indicate the person and address where the film and confirmation notice should be mailed. Also, indicate if the bill should be sent to the same address. Provide complete billing and mailing address including zip code. If your organization requires a purchase order number, please submit it with your order.

b. Double space between lines. List one title per line. Our scheduling clerks need the extra space above each entry for notes about shipping and scheduling.

c. List the entire title as it appears in the catalog; avoid listing only a part of a title. Some of the films are part of a series; be sure to include the series heading too.

d. Indicate, when there is a choice, whether to ship a color or black and white print. The rental rates will vary accordingly.

e. Indicate your first and second choice booking dates; or indicate if the film can be scheduled for the nearest available date. Remember to check your school's vacation period before scheduling.

Rental Charges

The listed rental rate for each film covers a loan period up to five days, Monday through Friday, if initially requested at the time of the order; otherwise, the loan period is for one day. One-half of the listed rental rate is added to the basic rate for each additional full week period or fraction thereof.

Penalty Charges

Please make it a practice to return films on the day following use to avoid penalty charges. The charge is computed as follows: number of days held beyond show date and postmark on film carton, times the daily rental, i.e., a film renting for $5.00, not shipped until three days after the showing, would accumulate $15.00 in penalty fees (3 days x $5) which will be added to the initial rental for a total of $20.00. We reserve the right to telephone customers collect concerning late films.

Damage Charges

The customer will be billed for replacement print or footage charges covering the loss of, or extensive damage to, a print resulting from careless handling and projection. *Extensive damage* is interpreted as when the cost of the replacement footage exceeds the rental rate. Replacement charges are based on the prevailing replacement footage rates. This charge, in addition to the rental charge, will appear on the rental billing invoice.

Film Repair

Do not attempt to repair damaged film without proper splicing equipment. If the film breaks or an old splice separates, tuck the broken end under several layers of

Film Repair (con't.)

film on the take-up reel and continue projection. *Do not* attempt to patch with tape, paperclips, or pins. Return all damaged or separated sections to us for proper splicing. There is no charge to the customer for *minor* repairs to our films. The customer is responsible for loss of or extensive damage to the films beyond normal wear and minor breaks. See section on Damage Charges.

Shipping Procedure

Films will be shipped via mail normally to arrive at least a day before the scheduled show date. Should the preceding user be late in returning the film, every effort will be made to expedite shipping the film to you on time. If a late film cannot possibly reach you in time for the scheduled date, you will be telephoned and a decision reached as to whether to reschedule or cancel the booking.

The customer agrees to return films prepaid on the day following the last day of the scheduled loan period. Return the films on the same reels and in the same shipping cases. Return mailing labels will be provided. Please tape down the end of the films to prevent unraveling during the return shipment. Insure return shipments for an amount equal to twenty-five (25) times the basic weekly rental rate. Mail the films as "Library Materials," a special low postal rate.

Billing Procedures

An invoice for rental services will be submitted to the customer on the first of the month following date of use. Do not send payment until the University's invoice statement is received. Payment should be forwarded within 30 days to the University's business office.

As an alternative, customers may pay in advance for film rental services. An account will be established against which the customer may draw upon during the school year. Contact the Center for further details.

Preview Policy

Films may be previewed at the Center any weekday (except for holidays) 8:45 A.M. – 4:15 P.M. at no charge. Films leaving the campus must be sent on a rental basis. To take advantage of the preview service, submit your request three weeks in advance regarding the films, date, and time you wish to preview at the Center. Advance reservations are essential in order to insure that the films and preview facilities will be available.

Office Hours

The Center is open for business Monday through Friday 8:30 A.M. to 4:15 P.M. except for holidays.

Address

The Center for Instructional Media and Technology is located on the Storrs Campus on the ground floor of the Charles B. Gentry Building (School of Education). The main office and film library are located in Room 3.

Address
(con't.)

Correspondence should be addressed to:

The Center for Instructional Media & Technology
University of Connecticut
Storrs, Connecticut 06268

Telephone calls may be placed direct to the Center without going through the University's central exchange.

Dial: 486-2530 or 486-2531
Area Code: 203

KEY TO ABBREVIATIONS OF PRODUCERS' AND DISTRIBUTORS' NAMES

AAA	American Automobile Association
AAMC	Association of American Medical Colleges
AAPT	American Association of Physics Teachers
AARR	Association of American Railroads
ABC	American Broadcasting Company, Inc.
ACI	ACI Productions
ACS	American Chemical Society
ADP	Avalon Daggett Productions
AEI	Association of Electrical Engineers, Inc.
AEIFU	AEI (Associated Electrical Industries) Film Unit, England
AENG	Aengus Films
AFA	Associated Film Artists
AFI	Artists Films, Inc.
AFIF	Armed Forces Information Films
AFL-CIO	American Federation of Labor and Congress of Industrial Organization
AFSC	American Friends Service Committee (Quakers)
AGE	Arthur G. Evans
AHA	American Heart Association
AHS	American Hearing Society
AID	Agency for International Development
AIMS	AIMS Instructional Media Services
AISI	American Iron and Steel Institute
ALA	American Library Association
Am Brdcstg	American Broadcasting Paramount Theatres, Inc.
AMA	American Medical Association
AN	Producciones Ancora, Spain
APC	Army Pictorial Center
ARCL	Argo Record Company, Ltd.
Ashbrc	Assoc. British Corp.
Ashwth	Richard Ashworth
ASNKF	A/S Nordisk Films Kompagni
ATAA	Air Transportation Association of America
ATV	Associated Television, Ltd. (France)
AuFC	Audio Film Center
AVEP	AV Educational Productions
A-V Tech	A-V Techniques, Paris
BAED	Babette Eddleston
BAF	Basic Films
BARNPD	Phillip D. Barnard
BARNRD	David P. Barnard
BCF	Bureau of Commercial Fisheries
BEF	Business Education Films
BELEAU	Wilfred E. Belleau
BFA	Bailey-Film Associates
Biog	Biograph Co.
BIS	British Information Service
BIWA	Bill Warrick
BKC	Bruce and Katherine Cornwell
BRC	Baltimore Redevelopment Commission
Brdshg	Melvin Brodshaug
BRITAD	British Admiralty
BTC	British Transport Commission
BTF	British Transport Films
BURSTY	Joseph Burstyn, Inc.
CAMPF	Campbell Films
Capac	A P Claudon Capac Productions
Cass	Cassard Films
CBC	Canadian Broadcasting Corporation
CBS	Columbia Broadcasting System
CDFS	Central Documentary Film Studios
CETO	Centre for Educational Television Overseas, London
CFC	Cornell Film Company
CFN	Council on Foods and Nutrition
CHACYN	Chapman (Cynthia)
CHSC	Cleveland Hearing and Speech Center
CI	Cereal Institute, Inc.
CINCPR	Cinecrafter Productions
Cinn PS	Cincinnati Public Schools
CIT	California Institute of Technology
CK	Charles Kruse
CLOCHE	Maurice Clocht
CMC	Columbia University Center for Mass Communications
COSTAN	Richard Costain
CPL	Canada Packers, Limited
CSIROFU	Commonwealth Scientific and Industrial Research Organization Film Unit
CTCH	Council for a Television Course in the Humanities for Secondary Schools, Inc.
CTFL	Canadian Travel Film Library
CW	Central Washington College Art Department
C-W	Churchill-Wexler Films
DABE	Dave Bell
DAHO	David Horne
DANBAK	Joseph Daniel, Jr. and Richard B. Baker
DARTC	Dartmouth College Films
DAS	Del and Ardith Shelley
DCCH	D. C. Chipperfield
DEAI	Department of External Affairs of Ireland
DESMED	Designs for Medicine
DFP	Documentary Film Productions
DOHE	Don Herbert
DTS	Denis and Terry Sanders
EBEC	Encyclopaedia Britannica Educational Corp.
EBF	Encyclopaedia Britannica Films, Inc. (See Encyclopaedia Britannica Educational Corp.)

EFLA	Educational Film Library Association, Inc.
EFVA	Educational Foundation for Visual Arts
EFVAE	Educational Foundation for Visual Aids of England
EHI	Educational Horizons, Inc.
ELAUS	Equitable Life Assurance Society of the United States
EMG	E. Milton Grassell
ERN	E. R. Nelson
ERWH	Ernest Whitten
ESCAR	Escar Motion Picture Service
ETSPS	Educational Television Service/Public Service

FA	Film Associates of California, Inc. (See Bailey-Film Assoc.)
FALE	Fass-Levy Films
FAuE	Fund for Adult Education
FCI	Film Center, Inc.
FES	Film Edizioni Scienza e Tecnica, Rome
FFO	Ford Foundation
FI	Films, Inc.
FIFC	Films for Conservation, Inc.
FON	Films of the Nations Distributors, Inc.
FPG	Film Producers Guild, Ltd.
FREUP	Florida Resource-Use Education Project
FRNCSC	Pietro Francisci
FRP	Frank Ross Productions
FS	Filmscope, Inc.
FSAA	Family Service Association of America
FVA Eng	Foundation for Visual Aids of England
FW	Film Workshop

G-B	Gaumont-British Instructional Films, Ltd.
GCF	Great Commission Films
GDPH	Georgia Department of Public Health
GE	General Electric Educational Films
GETA	George Tamarski
GEVV	George Van Valkenberg
GFITHD	D. W. Griffith
GHWC	Gary-Hobard Water Corporation
GINDIN	Government of India Information

HAAT	Harry Atwood
HAB	Haberstroh Studios, Inc.
HANS	Hansom and Associates
HARDY	Stewart Hardy Films
HAT	Charles Hathaway
HFE	Hollywood Film Enterprises
HFS	Harvard Film Service
HITCHJ	Hitchcock (John) Dr.
HLS	Hildegard L. Spreen
HOL	Theodore Holcomb
HUNGAR	Hungarofilm

IAPA	The Industrial Accident Prevention Associations of Ontario
ICMA	International City Managers Association
ICS	Institutional Cinema Service
IFB	International Film Bureau
IFF	International Film Foundation
IFFB	Institut fuer Film und Bild
ISO	International Screen Organization
ISTA	Indiana State Teachers Association

JAHU	Jan Hulsker
JAK	Jack Keogh
JANS	Werner Janssen
JARU	Jack Ruddell
JF	Journal Films
JGB	Justin and Geraldine Byers
JLKC	Junior League of Kansas City, Missouri
JOLE	Josef Lesser
JOR	Jorhal Pictures
JOW	John Waddell

KAL	Kalahari Films
KC	Kimberly-Clark Corporation
KCPS	Kansas City, Missouri, Public Schools

LACS	Los Angeles City Schools
LComet	Le Comet Studio
LEBR	Lever Brothers Company
LEMA	Lee Madden
LFBO	L. F. B. Oslo
LING	Linguaphone Institute
LLT	Lincolnwood, Illinois, Little Theater, Inc.
LORIPR	Lori Productions, Inc.
LPF	Lawrence P. Frank, Jr.

MAA	Mathematical Association of America
MAF	Motivated Art Films
MAP	Mode-Art Pictures
MARGIB	Marble-Gibson
MBF	Margaretta B. Fristoe
MCAS	Mario Casetta Films
MD	Murl Deusing
MFO	MacQueen Film Organization
MHFB	Mental Health Film Board
MHMC	Mental Health Materials Center
MichU	University of Michigan
MIS	Moody Institute of Science
MLA	Modern Learning Aids
MOMA	Museum of Modern Art
MOT	March of Time
MSHKND	Francis Mishkind
MUS	Musicolor, Inc.
MVLAU	Mt. Vernon Ladies' Association of the Union
MZMRSS	Mezhrabpom-Russ Studios

NAMH	National Association for Mental Health
NANE	National Association of Nursery Educators

NASSP	National Association of Secondary School Principals
NATO	North Atlantic Treaty Organization
NAVC	National Audio-Visual Center
NBC	National Broadcasting Corporation
NCDPI	North Carolina Department of Public Instruction
NEA	National Education Association
NET	National Educational Television
NF	Neubacher Films
NFBC	National Film Board of Canada
NGA	National Gallery of Art
NGAM	Nelson Gallery, Atkins Museum, Kansas City
NGS	National Geographic Society
NIS	Netherlands Information Service
NOD	News of the Day
NSC	National Safety Council
NSPB	National Society for the Prevention of Blindness
NTLGD	National Training Laboratory in Group Development
NYU	New York University
OCD	Office of Civil and Defense Mobilization
OECD	Organization for Economic Cooperation and Development
OEEC	Organization for European Economic Co-operation
OFI	Official Films, Inc.
OIAA	Office of Inter-American Affairs
OWI	Office of War Information
PAU	Pan American Union
PAU Gen Secre	Pan American Union General Secretariat (See Pan American Union)
PBL/NET	Public Broadcasting Library of NET
PCR	Psychological Cinema Register
PDW	Pennsylvania Department of Welfare
PEG	Pegasus Films
POPC	The Population Council
PORTE	Edwin S. Porter
PTL	Public Television Library
PYK	Peggy and Yoram Kahana
RADP	Radford Pictures, Inc.
RAL	Raleigh Industries
RFA	Religious Film Association, Inc.
RFU	Realist Film Unit
RISO	Richard Soltys
RITO	Richard Townsend
RKO	RKO Radio Pictures, Inc.
RNMA	Royal Norwegian Ministry of Agriculture
ROB	Ruth O. Bradley
ROEA	Robert E. Appleton
ROED	Robert Edmonds

ROL	Rolex
RPC	Republic Pictures Corporation
RSC	Republic Steel Corporation
RSMNEC	Radule Service For the Ministry of National Education and Culture
SAM	Society for Advancement of Management
SARRUT	Andre Sarrut
SBARGE	Robert Sbarge
SCHRBR	Schreiber
SCHWAR	Charles W. Schwartz and Elizabeth R. Schwartz
SEFPS	Southern Educational Film Productions Service
SENN	Mark Sennett
SFF	Smart Family Foundation
SFI	Southwest Film Industries
SIGF	Signal Films, Ltd.
SILFI	Silvermine Films, Inc., Canada
SILLU	Southern Illinois University
SIXSS	Sixteen Screen Service Co.
SJST	Sue and James Stinson
SOC	Shell Oil Company
STECOL	Stephens College
STF	Stanton Films
STIB	Swedish Travel Information Bureau
STOKSF	F. J. Stokes Corp.
SVFI	Svekon Films, Norway
TAYLOR	Benjamin Taylor
TCF	Twentieth Century Fund
TECHSC	Technical and Science Films, Ltd.
TELEPX	Telepix Corp.
TFBCH	Joe Tiffenbach
TFC	Teaching Film Custodians
TIFI	Tiger Films
TMP	Telemated Motion Pictures
TO	12th-Oxford Film Makers
Toel	Toel Animation Studio
TRAFCO	Television, Radio, and Film Commission of the Methodist Church
TVKI	Tavistock Institute
UAKR	University of Akron
UAW	United Auto Workers
UC	University of California
UCLA	University of California at Los Angeles
UEVA	Universal Educational and Visual Arts
UFA	UFA, Germany
UNIF	Unity Films
UNIL	Unilever, Ltd.
UPA	United Productions of America
USBM	United States Bureau of Mines
USC	University of Southern California
USCC	United States Chamber of Commerce
USCG	U.S. Dept. of Treasury, Coast Guard

USDA	United States Department of Agriculture
USDC	United States Department of Commerce
USDHEW	United States Department of Health, Education, and Welfare
USDI	United States Department of the Interior
USDOD	United States Department of Defense
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USIS	United States Information Service
USN	United States Navy Motion Picture Section
USOE	United States Office of Education
USPHS	United States Public Health Service
USSD	United States State Department
USWB	United States Weather Bureau
UW	United World Films, Inc. (see Universal Educational and Visual Arts)
UWF or UEVA	Universal Education and Visual Arts
VA	Veterans Administration
VGF	Vocational Guidance Films
VJA	Verle Johnson Associates
WASC	Walter Schwimmer, Inc.
WATH	Wayne Thiebaud
WBC	Westinghouse Broadcasting Company
WBP	William Boundey Productions
WCBS	WCBS-TV, New York
WCTU	Women's Christian Temperance Union
WGN	WGN-TV, Chicago
WHOI	Woods Hole Oceanographic Institute
WHP	Wahmann-Hand Puppets
WIDE	William Deneen
WIFU	William Furman
WN	Warner News, Inc.
WOLFFW	Werner Wolff
WTI	World Today, Inc.
WWP	World Wide Pictures, Ltd.
YAF	Young America Films
ZORA	Zora Films, Yugoslavia

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Films are classified under subject headings adapted from Sears List of Subject Headings by Bertha M. Frick. Descriptions of film content will will be found in the section, "Alphabetical List of Film Titles and Descriptions." Each title below is followed by the producer's suggested grade level, however, with the many new creative ways of using films today, your use may vary from the suggested grade level. Suggested grade levels are designated by the following symbols: el - elementary; jh - junior high; sh - senior high; c - college; a - adult.

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One Day on the Farm. el
Radiation Effects on Farm Animals. c, a
Rumen Story. c, a
Spring on the Farm. el
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Wheat Farmer. el, jh, sh
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Cardboard Cow. jh, sh, c, a
Cattleman — A Rancher's Story. el, jh
Cotton Farmer: Our Changing Way of Life. jh
Cross Section of Central America (Guatemala). el, jh, sh, c, a
Farm Animals. el
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Milk: From Farm to You. el, jh
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Poultry on the Farm. el, jh

Fire Prevention

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Help Prevent Fires (Aidez a prevenir l'incendie). el, jh, sh, c, a
Man Against Fire. el, jh, sh, c, a
Vision in the Forest. el, jh
Your Friend the Forest (Keep It Or Destroy It). el

First Aid
First Aid: Fundamentals. jh
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Fishes
Fish Embryo: From Fertilization to Hatching. sh, c
Fish Family. el
Fish Out of Water. el, jh, sh, c
Fish That Almost Drowned. el
King of the River. el, jh, sh, c
Living World of the Sea: The Breath of Life. jh, sh
Living World of the Sea: The Capture of a Smile. jh, sh
Living World of the Sea: Fish — Master of Movement. jh, sh
Living World of the Sea: The Homely Mollusk. jh, sh
Living World of the Sea: The Phyla. jh, sh
Living World of the Sea: The Sea Horse. jh, sh
Living World of the Sea: Strange Partners. jh, sh
Living World of the Sea: The Survival Factor. jh, sh
Living World of the Sea: To Catch a Meal. jh, sh
Man and Other Animals: Life Cycle of the Salmon. jh, sh, c
Pelican, Turtle, and Fish. sh, c
What Is A Fish? sh, c

Fishing
Fish Naturally! a
Fishing on the Coast of Japan. el, jh, sh, c, a
Last Vikings. el, jh, sh, c, a
Lonely Dorymen. sh, c, a
New England Fisherman. el, jh

Flowers
Angiosperms, The Flowering Plants. sh, c
Flowers at Work. jh, sh, c, a
Growth of Flowers. el, jh, sh
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Folklore
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Captain John Smith, Founder of Virginia. el, jh, sh
Fish. el, jh, sh
Fish and the Burning Stones. el, jh
Fox Went Out on a Chilly Night. el
Johnny Appleseed: A Legend of Frontier Life. el, jh, sh
Legend of the Magic Knives. jh, sh
Loon's Necklace. jh, sh, c
Rainbow of Stone. el, jh, sh
Story, A Story. el, jh
Tara, The Stonecutter. el, jh
Three Stone Blades. jh, sh
Ti-Jean Goes Lumbering. el, jh, sh

Folk Music
Discovering Music Series: Discovering American Folk Music. el, jh, sh, c, a
Foolish Frog. el
I Know An Old Lady Who Swallowed a Fly. el
Over in the Meadow. el, jh

Food
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Balance Your Diet for Health and Appearance. jh, sh
Brazil (People in the Highlands). el, jh, sh, c
Buying and Preparing a Blade Chuck Roast. jh, sh, c, a
Buying and Preparing a Sirloin Steak. jh, sh, c, a
Buying and Preparing Beef Roasts. jh, sh, c, a
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Buying and Preparing Lamb Cuts. jh, sh, c, a
Buying and Preparing the Broiling Steaks. jh, sh, c, a
Buying Meat for the Freezer. jh, sh, c, a
Chemical Feast. jh, sh, c, a
Food that Builds Good Health. el, jh
Food Preparation: Some Basic Ideas. jh, sh, a
Foods and Nutrition. sh, c, a
Foods Around the World. el
It Happens Every Noon. c, a
Lamb on Display. sh, c
Research Points the Way. jh, sh, a

Food Supply
Chicken American Style. c
China: Feeding One-Fourth of the Human Race. jh, sh, c
Farmer for the World. sh, c, a
Food Supply: Its Effect on Civilization. jh, sh
Grasslands. sh, c
Janet and the Genie. jh, sh, a
Mark of Quality. sh, c, a
Miracles From Agriculture. sh, c, a
Pests or Plenty? el, jh, sh, a
Science of Life: Energy in Life. jh, sh, c
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Forest and Forestry
American Wilderness. el, jh, sh, c, a
Discovering the Forest. el
Eternal Forest. el, jh, sh, c, a
Forest Patterns — Beauty and Use. sh, c, a
From Trees to Lumber. jh, sh, c
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Giant Forest. el, jh, sh, c, a
Integrated Forest Management. jh, sh, c, a
Life in the Deciduous Forest. sh, c, a
Life in the Forest. el, jh, sh
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Problems of Conservation: Forest and Range. jh, sh
River Run. el, jh, c, a
Spruce Bog. jh, sh
Succession — From Sand Dune to Forest. sh, c
Temperate Deciduous Forests. sh, c
Then It Happened. el, jh, sh, c, a
Time for Decision. jh, sh, c, a
Trees: How to Know Them. sh, c, a
Wood: Masterpiece of Creation. sh, c, a
Your Friend the Forest (Keep It or Destroy It). el

France
Art and Life. jh, sh
Far from Paris. jh, sh
France: Background for Literature. jh, sh, c
French Revolution. jh, sh, c
French Revolution: Birth of a New France. sh, c
French Revolution: Death of the Old Regime. sh, c
Leisure and Vacations. jh, sh
Life in Modern France: Better Life Tomorrow. jh, sh
Modern France: The Land and the People. jh, sh
Napoleonic Era. jh, sh, c
Paris: The City and the People. el, jh, sh
Rhythms of Paris. jh, sh
Reflets de La Vie Intellectuelle. el, jh, sh, c
Rise of Nations in Europe. jh, sh, c
Road to Santiago: France. sh, c, a
Terre D'Alsace. el, jh, sh, c

French Language
Arrivee En France. jh, sh, c
Au Revoir Village. jh, sh, c
Aujourd'hui Nous Visitons Paris. jh, sh, c
Automne est Une Adventure (French Narration). el, jh, sh, c, a
Beginning French: Intonation. jh, sh
Bretagne, Pays de al Mer. el, jh, sh, c
Cadet Rousselle. jh, sh
Chez Nous. sh, c
Chicken (Le Poulet). el, jh, sh, c, a
Depart de Grandes Vacances. jh, sh, c
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Help Prevent Fires (Aidez a prevenir l'incendie). jh, sh, c, a
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Ici on parle francais. sh
Journee Au Lycee. sh, c, jh
La Famille Martin. jh, sh, c
La France Et La Mer. el, jh, sh, c
La Vie Dans Une Ferme Francaise (French Narration). el, jh, sh, c, a
Le Haut de Cagnes. el, jh, sh, c
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Le Mont Saint Michel. el, jh, sh, c
Le Musee Grevin. jh, sh, c
Le Quatorze Juillet. sh, c
Les Baux De Provence. el, jh, sh, c
Les Canaux. sh, c
Les Saisons. sh, c
L'Ile De La Cite. sh, c
Marcel a Paris. jh, sh, c
Marguerite a La Ferme. jh, sh
Night and Fog (Nuit Et Brouillard). sh, c, a
Paris a Mon Coeur. el, jh, sh, c
Passion for Life. c, a
P'Tit Jean S'En Va Aux Chantiers. jh, sh
Reflets de La Vie Intellectuelle. el, jh, sh, c
Terre D'Alsace. el, jh, sh, c
Un Hotel a Paris. jh, sh, c
Un Repas Chez Francis. jh, sh, c
Vacances en Normandie. sh, c

Frontier and Pioneer Life
Colonial Children. el, jh
Great Plains: Land of Risk. jh
Johnny Appleseed: A Legend of Frontier Life. el, jh, sh
Long Journey West: 1820. el, jh
New England Sea Community. el, jh
Northeast Farm Community. el, jh
Oregon Trail. el, jh, sh
Pioneer Home. el
Pioneer Journey Across the Appalachians. el, jh
Pioneer Mill. el
Real West. el, jh, sh, c, a
Trail of the Forty-Niners. el, jh, sh, c
United States Expansion: Settling the West (1853-1890). jh, sh
United States Expansion: Texas and the Far Southwest. jh, sh, c
Westward Movement: Gold Rush, Part V. el, jh, sh
Westward Movement: Settlement of the Mississippi Valley, Part II. el, jh
Westward Movement: Settlers of the Old Northwest Territory, Part I. el, jh
Westward Movement: Settling of the Great Plains, Part III. el, jh, sh
Westward Movement: Texas and the Mexican War, Part IV. jh, sh

Fuels
Science of Life: Energy in Life. jh, sh, c

Fungi
Fungi. sh, c

Future Studies
Computer Glossary. jh, sh, c
Future For Every Child. sh, c, a
Image of the City. jh, sh, c
Information Machine. jh, sh, c

Future Studies (continued)

Introduction to Holography. sh, c
Introduction to Lasers. sh, c
Involuntary Control. c, a
R. Buckminster Fuller: Prospects for Humanity. c, a
Right of Privacy. sh, c, a
To Sleep . . . Perchance to Dream. sh, c, a
Tomorrow's Television: Get What You Want Or Like What You Get. sh, c, a
View of America from the 23rd Century. sh, c, a

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Games

Badminton Fundamentals. jh, sh, c, a
Basketball Fundamentals. jh, sh
Fun on the Playground. el
Mathematical Relationships: Games, Puzzles and Logic. jh

Gardening

New Guidelines for the Well-Landscaped Home. c, a

General Science

See Science, General

Genetics

DNA: Blue Print of Life. c
DNA: Molecule of Heredity. sh, c
DNA Story. c
Energetics of Life. c
Meiosis: Sex Cell Formation. sh, c
Proteins: Structure and Function. c

Genetics, Biochemical

DNA: Blueprint of Life. sh, c
Genetics: Mendal's Laws. jh, sh

Genetics, Human

AIBS Series: Chromosomes and Sex. sh, c
AIBS Series: Genes and Chromosomes. sh, c
AIBS Series: Inheritance in Man. sh, c
Chromosomes of Man. jh, sh
What Color Are You? el, jh

Geography

Brazil. el, sh, c
Climates of the United States. el, jh
Continents of the World. el
Cross Section of Central America (Guatemala). el, jh, sh, c, a
Geography of New England. el, jh, sh
Germany: A Regional Geography. jh, sh
Great Mojave Desert. el, jh, sh, c, a
Land Forms and Human Use. jh, sh
Language of Maps. jh, sh
Learning About Land and Water. el, jh
Maps for a Changing World. jh, sh
Maps — Where Am I? jh
Megalopolis: Cradle of the Future. jh, sh, c
Mt. Rainier. el, jh, sh, c
Oasis. el
Our Big, Round World (Concepts for Geography). el, jh
Place to Stand. el, jh, sh, c, a
Rocky Mountain Area, Backbone of the Nation. el, jh, sh
Understanding Topographic Maps. sh, c, a

Geology

Aging of Lakes. jh, sh
Beach — A River of Sand. el, jh
Birth of the Soil: Living Earth Series — Part I. jh, sh, c, a
Controversy Over the Moon. jh, sh
Earth in Change: The Earth's Crust. jh, sh
Earthquake: Lesson of a Disaster. jh, sh
Erosion: Leveling the Land. el, jh, sh
Eruption of Kilauea. sh, c, a
Evidence for the Ice Age. el, jh, sh, c
Face of the Earth. jh, sh
Face of the High Arctic. jh, sh
Flooding River: A Study of Riverine Ecology. c
Force of Gravity. el
Geological Work of Ice. jh, sh, c
Glacier on the Move. jh, sh, c
Great Lakes: How They Were Formed. jh, sh
Hawaii — The Fiftieth State. el, jh, sh, c, a
Hawaiian Islands: Their Origin and Nature Today. el, jh
Heartbeat of a Volcano. jh, sh
Horizons of Science Series: Project "Mohole". sh, c
How Solid is Rock? sh
Iceland: How Clear the Hot Springs Bubble. jh, sh, c
Land Forms and Human Use. jh, sh
Little Plover River Project. c
Minerals and Rocks. el, jh,
Mt. Rainier. el, jh, sh, c
Planet Earth Series: Force of Gravity. jh, sh, c, a
Planet Earth Series: Hidden Earth. jh, sh, c, a
Planet Earth Series: Magnetic Force. jh, sh, c, a
Planet Earth Series: Secrets of the Ice. jh, sh, c, a
Restless Earth: Earthquakes. sh, c, a
Restless Earth: Evidence from Ancient Life. sh, c, a
Restless Earth: Geology and Man. sh, c, a
Restless Earth: Plate Tectonics Theory. sh, c, a
Rocks That Form on the Earth's Surface. jh, sh, c
Rocks that Originate Underground. jh, sh
Succession on Lava. jh, sh, c
Sulfur: Its Physical States and Properties. sh, c
Trembling Earth. sh, c, a
Understanding Our Earth: Glaciers. el, jh, sh
Volcanoes in Action. jh, sh, c
What is Soil? el, jh
Why Do We Still Have Mountains? jh, sh, c
Work of the Wind and Running Water. c, a
Yosemite. el, jh, sh, c

Geometry

Angles and Their Measurement. jh, sh
Caroms. sh, c
Danced Squared. jh, sh, a
Geometric Vectors — Addition. sh, c
Geometry: Inductive and Deductive Reasoning. sh
Geometry: Lines and Shapes. el
Introducing Shapes, Lines and Angles. el
Inversion. sh, c
Isometries. sh, c
Measuring Areas: Squares, Rectangles. el, jh
Notes on a Triangle. jh, sh, c
Orthogonal Projection. sh, c
Pythagorean Theorem: Proof By Area. jh, sh, c
Pythagorean Theorem: The Cosine Formula. jh, sh, c
Similar Triangles in Use. jh, sh, c
Symmetries of the Cube. sh, c
Trio for Three Angles. jh, sh, c
Volume and its Measurement. jh

German Language Films

Allerlei Aus Deutschland. jh, sh, c, a
Deutschland Heute. sh, c
Frankfort Heute. sh, c
Frankfurt Am Main. sh, c, a
Guten Tag #1 Sprechen Sie Deutsch? sh, c
Guten Tag #2 Ein Bild Von Rothenburg! sh, c
Guten Tag #3 Ich Suche Ein Zimmer. sh, c
Guten Tag #4 Sind Sie Herr Berger. sh, c
Guten Tag #5 Zu Spät! Zu Spät! sh, c
Guten Tag #6 Ist Das Der Zug Nach Hamburg? sh, c
Guten Tag #7 Ich Möchte Zum Olympia-Stadion. sh, c
Guten Tag #8 Jetzt Ist Unterricht? sh, c
Guten Tag #9 Wo Ist Meine Brieftasche? sh, c
Guten Tag #10 Was Ist Los? sh, c
Guten Tag #11 Ich Repariere Meinen Wecker Selbst! sh, c
Guten Tag #12 Darfich Ihnen Helfen? sh, c
Guten Tag #13 Ein Wochenende Ohne Geld? sh, c
Guten Tag #14 Rauchen Ist Unge Sund! sh, c
Guten Tag #15 So Ein Zufall! sh, c
Guten Tag #16 Die Nächste Führung Ist Um II Uhr. sh, c
Guten Tag #17 Was Machen Wir Jetzt? sh, c
Guten Tag #18 Der Anzug Passt Nicht Zur Krawatte. sh, c
Guten Tag #19 Darf Ich Zuschauen? sh, c
Guten Tag #20 Und Viel Zu Essen Nicht Vergessen! sh, c
Guten Tag #21 Vorsicht, Bremsen! sh, c
Guten Tag #22 Gesundheit, Herr Doktor! sh, c
Guten Tag #23 Uas Tut Man In Dem Fall? sh, c
Guten Tag #24 Haben Sie Etwas Zum Kleben? sh, c
Guten Tag #25 Ich Bin Spezialist! sh, c
Guten Tag #26 Sie Haben Die Prüfung Bestanden! sh, c
Guten Tag Wie Geht's #1 Kennen Sie Meinen Sohn? sh, c
Guten Tag Wie Geht's #2 Wetten Ist Ehren Sache. sh, c
Guten Tag Wie Geht's #3 Damit Spielen Kinder Und. sh, c
Guten Tag Wie Geht's #4 Am Strand Ist Eine Perücke Sehr. sh, c
Guten Tag Wie Geht's #5 Ausgerechnet Wilhelm Tell Von Schiller. sh, c
Guten Tag Wie Geht's #6 So Etwas Mub Man Mit Gerfühlmachen. sh, c
Guten Tag Wie Geht's #7 Die Sache Ist Ganz Einfach. sh, c
Guten Tag Wie Geht's #8 Pünktlichkeit Ist Alles. sh, c
Guten Tag Wie Geht's #9 Nero Versteht Etwas Von Kunst. sh, c
Guten Tag Wie Geht's #10 Dirndln Sprechen Bayerisch. sh, c
Guten Tag Wie Geht's #11 Die Trauung Beginnt Um Dreiviertel Elf. sh, c
Guten Tag Wie Geht's #12 Und Weit Und Breit Keine Tank Stelle. sh, c
Guten Tag Wie Geht's #13 Das Ziel Unserer Reise Ist Ein Schlob. sh, c
Guten Tag Wie Geht's #14 Vielleicht Versuchen Wir's Enimal Mit Studenten. sh, c
Guten Tag Wie Geht's #15 Gesunder Schlaf Und Viel Bewegung in Der Frischen Luft. sh, c
Guten Tag Wie Geht's #16 Wie Kann Man Berliner Luft Sichtbar Machen. sh, c
Guten Tag Wie Geht's #17 Die Mosel Im Wandel Der Jahr Hunderte. sh, c
Guten Tag Wie Geht's #18 Was Man Nicht Kann, Mub Man Eben Lernen. sh, c
Guten Tag Wie Geht's #19 Ein Luftballon Gehört Immer Dazu! sh, c
Guten Tag Wie Geht's #20 Heidelberg Hat Nochimmer Seinen Alten Zauber. sh, c
Guten Tag Wie Geht's #21 Das Sind Melodien, Die Ewig Jung Bleiben. sh, c

German Language Films (continued)

Guten Tag Wie Geht's #22 Nicht Für Geld Und Gute Worte. sh, c
Guten Tag Wie Geht's #23 Am Ascher Mittwoch Ist's Vorbei. sh, c
Guten Tag Wie Geht's #24 Dafür Gibt Es Sicher Eine Erklärung. sh, c
Guten Tag Wie Geht's #25 Ein Kinstler Hat Für Alles Im Leben Verstandnis. sh, c
Guten Tag Wie Geht's #26 So Kann es Nicht Weitergehen! sh, c
Hafenrythmus. sh, c, a
Hallo Ostriesland. sh, c
Hamburg. sh, c, a
Hamburg, Die Hansestadt. sh
Heidelberg (2nd Edition) sh
Munchen. sh, c
Oberbayern. sh, c, a
Regen. sh, c
Romantische Stadte. sh, c
Vom Schwarzwald Bis Koln. jh, sh, c
Von Der Nordseekuste Bis Berlin. jh, sh, c
Von Mittel Gebirge Bis Zu Den Alpen. jh, sh, c

Germany

Germany: Feudal States to Unification. jh, sh
Germany: People of the Industrial West. el, jh, sh
Germany: Regional Geography. jh, sh
Germany Today. sh, c, a
Harbor Rhythm. jh, sh, c
Holy Roman Empire. sh
Milestones: Hitler Takes Over. el, jh, sh
Rise and Fall of Nazi Germany. jh, sh, c
Rise of a Dictator. sh, c
Twisted Cross. sh, c

Ghana

Ghana. sh, c, a

Graphs

Graphing Linear Equations. jh, sh
Graphs: Understanding and Using Them. el, jh
Language of Graphs. jh, sh
PSSC Physics Series: Straight Line Kinematics. sh, c
Using GP II — Graph and Picture Study Skills Kit. c, a

Great Britain

British Isles: The Land and the People. el, jh, sh, c
United Kingdom: England and Wales. jh, sh

Greece

Aegean Age. jh, sh
Aged Land. sh, c, a
Alexander the Great and the Hellenistic Age. el, jh, sh
Ancient Grecian Images (Art of Ancient Greece). sh, c
Greece: The Immortal Land. sh, c, a
Humanities Series: Greek Myths, Part I. sh, c
Humanities Series: Greek Myths, Part II. sh, c
Humanities Series: Odyssey — The Central Themes. sh, c
Humanities Series: Odyssey — Return of Odysseus. sh, c
Humanities Series: Odyssey — Structure of the Epic. sh, c
Humanities Series: Oedipus Rex — Age of Sophocles. sh, c
Humanities Series: Plato's Apology (The Life and Teachings of Socrates). sh, c
Life in Ancient Greece: Home and Education. el, jh, sh
Life in Ancient Greece: Role of the Citizen. el, jh, sh
Our Inheritance from Historic Greece. el, jh, sh, c
People of Greece. el, jh, sh

Grooming, Personal

Dentistry Through the Ages of Man. el, jh, c, a
Posture Habits. el

Guidance, Educational

Guiding the Growth of Children. c
No Reason to Stay. sh, c
Standardized Test — An Educational Tool. c
This is High School. jh, sh
Why Study Foreign Languages? jh, sh
Why Study Latin? jh, sh

Guidance, Personal

Acting with Maturity. jh, sh
Alcohol — How Much Is Too Much? jh
Am I Dependable. el, jh
And Everything Nice (Girls). jh, sh
Anger at Work. a
Bad Strangers. el
Beginning Responsibility: Taking Care of Things. el
Beginning Responsibility: Using Money Wisely. el
Behaviour Game. a
Developing Responsibility. el
Does Color Really Make A Difference. el
Dropout. sh
Emotional Health. c, a
Everyday Courage and Common Sense. el
Everyday Courtesy. el
Facing Reality. sh, c, a
Family: The Boy Who Lived Alone. el, jh
From Five to Seven-Thirty. sh, a
Guidance — Big Sister. el, jh, sh
Half Million Teenagers. jh, sh, c, a
Handling Marital Conflict. sh, c, a
Hopscotch. el, jh, sh, c
I Just Don't Dig Him. jh, sh, c
I Owe You Nothing. jh, sh, c, a
In Many Houses: Feelings. el
In Many Houses: Sometimes. el
In Many Houses: Together. el
In Many Houses: Troubles. el
Kid Brother. sh, c, a
Late for Dinner: Was Dawn Right? el
Leo Beuerman. el, jh, sh, c, a
Live and Learn. el
Man Enough For the Job. jh, sh, a
Manuel From Puerto Rico. el, jh
Meeting Strangers: Red Light, Green Light. el
Mom, Why Won't You Listen? jh, sh, c, a
Money Tree. sh, c, a
Narcotics: Decision. sh, c, a
Of Time, Work and Leisure. sh, c, a
Only Benjy Knows: Should He Tell? el
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Parents Are Necessary. c, a
People. el, jh
Purse. sh, c, a
Report Card: How Does Riccardo Feel? el
Respect for Property. el, jh
Santiago's Ark. el, jh, sh, c, a
Sit Down, Shut Up, or Get Out. jh, sh, c, a
Smokey's Story. el, jh
Social Drinker and the Anti-Social Driver. sh, c, a
There's Nobody Else Like You. el, jh
To A Baby Sitter. jh, sh, c
Trap of Solid Gold. jh, sh
Us. sh, c, a
Vasectomy. c, a
Wait Until Your Father Gets Home. jh, sh, c, a
What About Prejudice. c
What Do Girls Want From Boys? jh, sh, c, a
What Do I See, How Do I Feel? jh, sh, c
What's Right? el
What's Your Authority? jh
Who Cops Out? jh, sh
Who Is Sylvia? sh, c
Who Needs Rules? jh
You Be The Judge. jh, sh
Your Thrift Habits. jh, sh

Guidance, Vocational

Building a Skyscraper — and the Careers Involved. el, jh
Breakthrough — The Challenge of Agricultural Research. sh, c, a
Cameras and Careers. jh, sh
Career Awareness: Air Transportation. jh, sh
Career Awareness: Automobile Industry. jh, sh
Career Awareness: Computer Industry. jh, sh
Career Awareness: Construction Industry. jh, sh
Career Awareness: Health Care. jh, sh
Career Awareness: Hospitality Industry. jh, sh
Career Awareness: Law Enforcement. jh, sh
Career Awareness: Mass Media. jh, sh
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Career Awareness: Why Work? jh, sh
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Careers in the Office: Applying for a Job. jh, sh
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Career Opportunities: Metal Finishing Industries. jh, sh, c, a
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Choice Not Chance. sh, c, a
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How To Keep A Job. jh, sh
Learning to Earn. jh, sh
Learning To Earn In Business. jh, sh
More Power For The Job. jh, sh
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Paul Taylor and Company: An Artist and His Work. sh, c, a
Secretary: A Normal Day. sh, c, a
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West Indies. el, jh, sh

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Mammals and Their Characteristics. el, jh, sh
Mollusks. jh, sh, c
Parasitism (Parasitic Flatworms). sh, c
Pelican, Turtle and Fish. el, jh, sh, c
Protozoa (One-Celled Animals). el, jh
Reproduction Among Mammals. jh, sh, a
Reptiles. jh, sh, c
Segmentation: Annelid Worms. sh, c
Single-Celled Animals: Protozoa. sh, c
Stinging-Celled Animals: Coelenterates. sh, c
What Is A Mammal? sh, c
What Is A Reptile? sh, c
What Is An Amphibian? sh, c
World in a Marsh. jh, sh
World of Little Things. jh, sh, c
Worms (The Annelida). sh, c

Alphabetical List of Film Titles and Descriptions

Each 16mm sound film below is listed alphabetically by title followed by its specifications: running time in minutes (min.), black and white (B&W) or color print, production date, basic rental rate. Following the content description, the producer and the distributor (if other than the producer) are indicated.

The recommended grade levels are classified as elementary (el), junior high (jh), senior high (sh), college (c), adult (a).

Recommended grade levels may vary depending upon usage; for example, many films are being used in new creative ways such as showing only a segment, with or without sound, open-ended, etc., which may modify the grade level.

The final line contains a cross-index listing of related subject headings. Consult the *Subject Headings and Grade Level Index*, starting on page 17, to locate other films related to these topics.

A

A is for Architecture.

20 min, Color, 1961 . . . . $13.00

Offers an engrossing vista of the architecture of the past from which to turn with a discerning eye to the buildings of the present. Recreated in color through the skill of animation artist, great buildings of the past fill the screen, illustrating man's monumental urge to perpetuate in stone and metal the pride and spirit of his day. Reveals changing concepts in architecture from ancient temples on the Nile to the towering skyscrapers of today. (NFBC; IFB) sh, c

ARCHITECTURE

(A plus B) Squared.

10 min, B&W, 1953 . . . . $3.50

Animated scenes demonstrate the meaning of $(a + b)^2$ in order to show that algebraic statements have concrete meaning and visual form. (IFB) jh, sh

ALGEBRA

Abandoned.

10 min, Color, 1970 . . . . $7.00

An essay in film and electronic music on the final days of many a faithful family car. These cars, once cherished family members, now old and forgotten, are abandoned at the rate of eight million per year–most to rust away strewn across the countryside. (NBC) el, jh, sh, c, a

ECOLOGY; POLLUTION

Abandonment of the Cities.

11 min, Color, 1971 . . . . $7.00

Cleveland, St. Louis, and New York stand as sad examples of a growing phenomenon–the abandonment of the cities. Large areas of urban centers are becoming desolate wastelands of empty stores and buildings which are hostile to life. (NBC) jh, sh, c, a

SOCIAL PROBLEMS

ABC's of Film Direction.

12 min, Color, 1967 . . . . $7.00

Introduces types of camera movement, subject movement, and lens choice used in producing desired effects. Discusses dissolves, fades, and cutouts as methods to show passage of time. (Calvin Prod.) jh, sh, c, a

MOTION PICTURES

Abortion: Public Issue or Private Matter.

25 min, Color, 1967 . . . . $10.00

Is abortion the decision of the pregnant woman alone? Or must her family, the church and society as a whole participate? That is the major question raised by this film study which covers the many sides of the abortion issue. (NBC) sh, c, a

SOCIAL PROBLEMS; WOMEN STUDIES

About Fallout.

24 min, Color, 1963 . . . . $3.50

This film employs both live action and animation to show the nature of radioactive fallout. Effects upon the human body and upon food and water supplies, and the protection afforded by fallout shelters are depicted clearly. (U. S. Office of Civil Defense) c, a

RADIATION; ECOLOGY; PHYSIOLOGY

Above the Horizon.

21 min, Color, 1967 . . . . $10.00

Features the fascinations, interrelationship, potentials and unsolved problems of the atmospheric sciences. Minimizing detailed explanations of any area, the film gives a birdseye view of the whole field of meteorology and is deliberately designed to initiate interest, stimulate curiousity and attract potential students. (American Meteorological Society; MLA) sh, c

ATMOSPHERE; WATER AND WATER SUPPLY

Above the Timberline–The Alpine Tundra Zone.

16 min, Color, 1964 . . . . $8.00

Photographed in the Canadian Rockies, this film describes the climatic conditions of the Alpine tundra vegetation belt and examines the hardy plant and animal life that can survive the rigors of high altitudes and extreme temperatures. (McGraw-Hill; NFBC) sh, c

ADAPTATION (PLANTS)

Abraham Lincoln.

20 min, B&W, 1951 . . . . $5.00

Dramatically reenacts incidents in Lincoln's life which characterize him as an outstanding exponent of human freedom. Traces interesting events of Lincoln's early boyhood which reveal his unforgettable qualities of integrity, humor, common sense, and tenderness. Points to his several roles as store clerk, woodsman, lawyer, husband, father, congressman, and President. Associates familiar Lincoln quotations with the actual incidents which prompted them. (EFB) el, jh, sh, c, a

STATESMEN

Accident Scene.

9 min, Color, 1962 . . . . $6.00

Depicts scenes of fatal accidents photographed moments after they occurred. (IFB) jh, sh, a

SAFETY EDUCATION

Accidentally Yours.

14 min, Color, 1969 . . . . $8.00

Stresses the safe use of consumer products and shows how home accidents can be avoided. (IFB) sh, c, a

SAFETY EDUCATION

Acid.

26 min, Color, 1971 . . . . $13.00

Presents varying ideas about L.S.D. as expressed by users, former users, scientists and experts who are still trying to find out the effect of this drug on the human body. (EBEC) jh, sh, c

DRUG EDUCATION

Acid-Base Indicators.

19 min, Color, 1962 . . . . $10.00

Proton-donor-acceptor theory is used to interpret the experimental behavior of acid-base indicators. Experiments and animation show the effects on indicators of changing acidity. Equilibrium constants of four indicators are determined and the indicators arranged in order of decreasing acid strength. The completion among bases for protons is shown by mixing the indicators and showing that each changes color at different total acidity. (Chem Study) sh, c

ACIDS

Acropolis.

11 min, Color, 1963 . . . . $7.00

Points out the artistic and architectural significance of the buildings on the Acropolis. (IFB) jh, sh, c, a

HISTORY, ANCIENT

Acting with Maturity.

11 min, B&W, 1969 . . . . $3.50

Young people's reactions to school, dating and home situations illustrate immature behavior and ways to overcome it. (Coronet) jh, sh

GUIDANCE, PERSONAL

Adaptations for Survival: Birds.

14 min, Color, 1969 . . . . $8.00

Illustrates both structural and behavioral adaptations of birds to their environments. (IFB) jh, sh

ADAPTATION (ANIMALS); BIRDS

Adaptations for Survival: Mammals.

17 min, Color, 1972 . . . . $8.00

An explanation of the structural, physiological and behavioral adaptations of mammals in relation to their habits and environment. (IFB) el, jh, sh

ADAPTATIONS (ANIMALS)

Adaptive Radiation–The Mollusks.

18 min, Color, 1963 . . . . $10.00

Illustrates the principles of adaptive radiation and shows how the typical molluscan characteristics are modified in each of the six classes. Live photography of many species of mollusks, such as chitons, snails, clams, and oysters, tooth shells, and the squid, is used to show the ways in which mollusks are adapted to specialized and different ways of life. (EFB) sh, c

ADAPTATION (BIOLOGY); MARINE BIOLOGY

Addition for Beginners (Revised Edition).

11 min, B&W, 1965 . . . . $3.50

After reviewing the concepts of set, number and numeral, the film explores and develops the nomenclature and symbols of addition including the law of order, addition with zero, the use of the number in addition, and the law of grouping. As we use the concepts and rules, we see how they complement one another to help in problem-solving. (Coronet) el

EDUCATION–STUDY AND TEACHING; MATHEMATICS –STUDY AND TEACHING

Adelie Penguins of the Antarctic.

20 min, B&W, 1960 . . . . $5.00

This unusual film records the life cycle of the inquisitive, fearless, and charming black and white birds, the Adelie Penguins. Beginning with the trek of the adult birds over the frozen sea in the early spring to the breeding grounds, the film shows the penguin's courting behavior, nesting habits, enemies, and the rigors and beauties of their icy habitat. The first complete record of the life history of penguins in motion pictures. (McGraw-Hill) jh, sh, c

ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Adventures in Conservation.

15 min, Color, 1960 . . . . $8.00

Film footage from all over the United States is used to illustrate and emphasize the need for care and consideration in the perpetuation of our resources. It features many young people in actual camp and conservation activities. (Indiana University Audio-Visual Center) el, jh

ECOLOGY; NATURAL RESOURCES

Adventures of a Baby Fox.

14 min, B&W, 1955 . . . . $4.00

This exciting tool for language arts in all grade levels from the lower grades through high school combines photography by ARNE SUCKSDORFF with a narration written in verse, to tell the story of a baby fox as it prowls through the woods. The plants and animals which the baby fox encounters are all identified, making the film useful in nature study and science. (EFB) el, jh, sh

ANIMALS–STORIES

Adventures of a Young Eagle.

18 min, Color, 1968 . . . . $10.00

Depicts the experiences of a baby eagle which falls out of its nest before it can fly. Shows it finding food and settling down for the long winter rest. (EBEC) el

ANIMALS–HABITS AND BEHAVIOR; BIRDS

Adventures of Bunny Rabbit.

11 min, B&W, 1937 . . . . $3.50

Bunny Rabbit confers with a frog, squirrel, and a turtle while on the way to a farm to get some lettuce. There he meets some cows, chicks, puppies, and turkeys, before he is captured by the farmer, escapes and returns home. (EFB) el

ANIMALS–STORIES

Advocates: On Abortion at Will in the First Twelve Weeks.

57 min, B&W, 1971 . . . . $9.50

Advocates and opponents of legalized abortion argue whether or not a woman has the right of self-determination in having her own pregnancy terminated during the first three months. One view asserts that ready accessibility to abortion would reduce the number of unwanted children. Studies cited show that these children run a greater risk of being socially maladjusted or mentally ill. The opposing side believes that the embryo is a human being, even though it is not able to sustain life independently and that women often only "think" they want an abortion. It is emphasized that most abortions are sought by married women. (NET; Indiana) sh, c, a

WOMEN STUDIES; SOCIAL PROBLEMS

Aegean Age.

13 min, Color, 1965 . . . . $7.00

The partially restored palace at Knossos, other historical sites and museum treasures from the Aegean Islands reflect the great advancements made during the Aegean Age in architecture, engineering, commerce, and the arts. Contributions from civilizations of Asia Minor and Northern Africa were absorbed by the Minoan and Mycenaean people, whose own high accomplishments laid the foundations for Classical Greece. (Coronet) jh, sh

EUROPE–HISTORY: TO 476; GREECE

Africa: Historical Heritage.

9 min, Color, 1971 . . . . $6.00

Presents a brief history of the Egyptian, Cushite and Sudanese civilizations. Shows the prosperity and advanced civilization of many of the African nation states. Explains that after European colonization, a few African Kingdoms kept their national identity, but that emerging nations of modern Africa are returning to their roots. (EBEC) jh, sh

AFRICA

Africa: Living in Two Worlds.

16 min, Color, 1971 . . . . $8.00

Illustrates through vivid pictorial scenes the contrasts between centuries-old tribal communities and customs and the new African nations. Presents both the benefits and problems of building strong, independent countries. (EBEC) jh, sh

AFRICA

African Continent: Northern Region.

14 min, B&W, 1962 . . . . $4.00

The interaction of the modern with the traditional characterizes Northern Africa. This geographic region is greatly influenced by three factors: its primary Arab background and culture, its age-old lack of water, and its long history of European influence. This film shows oasis farming, Arab craftsmanship, and modern industries and cities; and views some of the problems that face both Moslems and Europeans in that region. (Coronet) el, jh

AFRICA

African Continent: Southern Region.

11 min, B&W, 1962 . . . . $3.50

From the gold and diamond fields, to the windswept sheep ranches of the western uplands, to the warm fruitlands of the eastern coast, this film surveys southern Africa as a region of great wealth and great potential. Immigration and migration have brought together different people, Bantu, Dutch, English, and some Asians, who face many challenges in developing the region's resources and in solving the problems of emerging nationhood. (Coronet) el, jh

AFRICA

African Continent: Tropical Region.

14 min, B&W, 1962 . . . . $4.00

The last portion of the continent to be explored, tropical Africa is today a region of great social change, of tremendous potential wealth and of great promise for the future. Major resources and products of the mountainous Eastern Highlands, the great, grassy Savanna and the hot rain forests of the Congo Basin and Guinea Coast are presented. (Coronet) el, jh

AFRICA

Africans All.

23 min, Color, 1964 . . . . $10.00

Julien Bryan's portrayal of all Africa is a series of swift, exciting "brush strokes" beginning with Philip Stapp's lively animation parodying popular misconception about Africa and continuing with actual scenes showing the real Africa in all its diversity and color. Includes authentic African music and sounds recorded on the spot by Sam Bryan. (IFF) el, jh, sh

AFRICA

Aftermath of World War II–Prologue to the Cold War.

25 min, B&W, 1965 . . . . $5.00

Using authentic footage, carefully selected, this film summarizes the major results of World War II and presents the developments that set the stage for the breakup of the victorious Allies into two opposing groups. (McGraw-Hill) sh, c, a

EUROPE–HISTORY: 20TH CENTURY; HISTORY, UNIVERSAL

Age of Absolute Monarchs in Europe.

13 min, Color, 1965 . . . . $7.00

After a brief review of absolute rule by ancient kings and emperors, this film sets forth the concept of absolute rule by divine right in the words of James I of England and by re-enactment of the court of Louis XIV. The seventy-two year reign of the 'Great Monarch' amid the splendor of Versailles carried to its heights the political philosophy that shaped Europe's destiny in the late sixteenth and seventeenth centuries. (Coronet) sh

EUROPE–HISTORY: 1492-1789

Age of Discovery: English, French and Dutch Explorations.

10 min, B&W, 1955 . . . . $3.50

Searching for a water route to the riches of the Orient, English, French, and Dutch explorers added their achievements to the earlier Spanish and Portuguese explorations. The dream of the Northwest Passage, other reasons behind the explorations of Cabot, Verrazano, Cartier, Frobisher, Hudson, Drake, and Raleigh, the routes followed, and the effects of their expeditions to North America are analyzed. (Coronet) el, jh, sh, c

AMERICA–DISCOVERY AND EXPLORATION

Age of Discovery: Spanish and Portuguese Explorations.

10 min, B&W, 1950 . . . . $3.50

Here is an authentic overview of the lands where men of discovery lived and planned four hundred years ago. It reviews the important geographical aspects of Spain and Portugal and brings to audiences a background to explorations of routes to the Orient and then to the New World. Shown are the actual Portuguese settings in which Prince Henry the Navigator worked and the familiar Spanish sites connected with Christopher Columbus. (Coronet) el, jh, sh, c

AMERICA–DISCOVERY AND EXPLORATION

Age of Enlightenment in Europe.

14 min, B&W, 1965 . . . . $4.00

Applying science to the physical world, Copernicus, Kepler, Galileo and Newton demonstrated that the universe operates according to natural laws which could be discovered by reason. Applying reason to the affairs of men, Locke, Montesquieu, Voltaire, Rousseau, and Diderot put forth ideas of democracy, freedom and equality. These ideals were translated into action as the American and French Revolutions. (Coronet) sh, c

EUROPE–HISTORY: 476-1492; EUROPE–HISTORY: 1492-1789

Age of Kennedy, Part I: The Early Years.

46 min. B&W, 1967 . . . . $8.00

Examines Kennedy's upbringing–the strong influence of his family's sense of unity, his education at Harvard and the formation of the beliefs he expressed in the book WHY ENGLAND SLEPT. Part I also recalls the future President's experiences as a naval officer in World War II, his election to the House of Representatives in 1947 and the Senate in 1953, his defeat in the vice-presidential race of 1956, and closes with his acceptance of the presidential nomination in 1960. (NBC; McGraw-Hill) jh, sh, c, a

U. S.–HISTORY: 1898-; U. S.–POLITICS

Age of Kennedy, Part II: The Presidency.

52 min, B&W, 1967 . . . . $9.50

Opens with Kennedy's election and closely studies his transition from Senator to Chief Executive–his discovery of the extent of U. S. power in varying situations, the complexity of the country's problems, and the magnitude of its responsibilities–and outlines the experiences through which he matured as President including the Bay of Pigs incident. In addition, Part II covers the many programs which Kennedy supported such as expanded educational facilities, negro equality, minimum wage legislation, aid to dependent children, and the Peace Corps. The film ends with the events of November 22, 1963, the day of the President's assassination. (NBC; McGraw-Hill) jh, sh, c, a

U. S.–GOVERNMENT;U. S.–HISTORY: 1898-; U. S.–POLITICS

Age of Turmoil.

20 min, B&W, 1953 . . . . $5.00

This film is concerned with early adolescence–approximately the period from thirteen to fifteen years. It focuses on behavior that reflects the emotional turmoil of this age group–giggling, destructive criticism of school, unrealistic ideas of their own future, hours spent in seemingly useless activity, etc. Most of the scenes are set in the home and show the mother and father making appropriate and occasionally inappropriate responses. Different personality types have been selected to illustrate this building stage, such as the leader or the quiet type. (McGraw-Hill) c, a

PSYCHOLOGY

Aged.

17 min, Color, 1973 . . . . $8.00

Presents the problems of the aged as seen through the eyes of a returning Viet Nam veteran who finds that his parents are unable to care for themselves. After endless futile visits to social agencies, he is bankrupted by a nursing home and loses his job and his wife. (WNET/CHANNEL 13; Carousel) sh, c, a

AGED; POVERTY; SOCIAL PROBLEMS; SOCIOLOGY

Aged Land.

25 min, Color, 1961 . . . . $10.00

Ancient Greece, typified by the ruins of the Parthenon and other buildings on the Acropolis, is contrasted with today's life as old and young gather to laugh, dance and visit with friends at the end of the day's labors. (Atwood; IFB) sh, c, a

GREECE

Aging of Lakes.

14 min, Color, 1971 . . . . $8.00

Introduces the geological and ecological factors of normal "aging" of lakes. Discusses the eventual death of lakes and how man's interference with the environment causes critical changes in their natural ecology. (EBEC) jh, sh

GEOLOGY; ECOLOGY

Agricultural Engineering.

14 min, Color, 1960 . . . . $3.50

This film describes the work of engineers who seek practical solutions to the problems of food and fiber production and processing. The film is designed to interest high school students in a career in agricultural engineering and points out the basic courses that should be taken before entering college. Includes scenes of pineapple and sugar cane harvesting in Hawaii, and shows the Teflon plow, the cotton spindle picker and the ensilage harvester in operation. Cleared for TV use. (United States Department of Agriculture) jh, sh

AGRICULTURE; ENGINEERING

Agriculture, U. S. A.

29 min, Color, 1962 . . . . $3.50

This panoramic film documentary of agriculture on the march is presented in commemoration of the Department's hundredth year of service to a growing America. The film story deals with the place of the farmer in today's society. It surveys the past and present, and points out some likely future developments. Cleared for television showing. (USDA) jh, sh, c, a

FARM LIFE; FARM PRODUCE

Agriculture's Showcase Abroad.

14 min, Color, 1962 . . . . $3.50

This film illustrates millions of the world's potential customers seeing, feeling, and tasting American farm products, colorfully and dramatically on display at International Trade Fairs from Tokyo to Zagreb, Europe to Latin America. In this film, we observe people abroad enjoying such American things as instant dry milk, fried chicken and the supermarket. (USDA) sh, a

AGRICULTURE–ECONOMIC ASPECT

AIBS Series: Chemical Machinery.

28 min, Color, 1963 . . . . $13.00

Refers to organelles and enzyme systems within cells, emphasizing products produced by chemical machinery. Discusses amino acids, explains lock-and-key theory of enzymes and presents highlights of glucose respiration. (McGraw-Hill) sh, c

CHEMISTRY, ORGANIC; PHYSIOLOGY; ZOOLOGY

AIBS Series: Chromosomes and Sex.

28 min. B&W, 1963 . . . . $6.50

Indicates the use of drosophilia in the study of inheritance and describes T. T. Morgan experiments with sex-linked inheritance. Depicts gene mapping on 'X' and 'Y' chromosomes, the sex determiners in man. (McGraw-Hill) sh, c

GENETICS, HUMAN; REPRODUCTION

AIBS Series: Circulation.

28 min, Color, 1963 . . . . $13.00

Describes early experimentation on circulation, includes work of Vesailus, Servitus, Fabricius, and William Harvey. Shows structure of heart and its relation to circulatory process. Discusses chemical structure, function of blood. (McGraw-Hill) sh, c

PHYSIOLOGY

AIBS Series: Dinosaurs.

18 min, B&W, 1964 . . . . $6.50

This film traces the dinosaur from development to extinction over a period of 130 million years. Fossils, skeletons and models appear. The film raises the question of evolution, success, and failure. (McGraw-Hill) sh, c

EVOLUTION

AIBS Series: Evolution of Man.

28 min, B&W, 1964 . . . . $6.50

This film chronicles the ascent of man through the changing world of the ice ages. The student is able to see the newest discoveries found in three continents. (McGraw-Hill) sh, c

ANTHROPOLOGY; EVOLUTION

AIBS Series: From Water to Land.

28 min, B&W, 1964 . . . . $6.50

Evolution from primitive fishes to air-breathing, four-legged animals, taught by one of the men most responsible for modern

knowledge in this field, Dr. Alfred Romer, American Paleontologist and Director of the Agassiz Museum of Comparative Zoology at Harvard University. (McGraw-Hill) sh, c
ANTHROPOLOGY; EVOLUTION; ZOOLOGY

AIBS Series: Genes and Chromosomes.
28 min, Color, 1963 . . . . $13.00
Reviews mitosis and the arrangement of chromosomes and genes in producing different germ cells. Discusses the work of Sutton, Boveri, Margon, Sturdevant, and Bridges with linkage, crossing-over, and gene mapping. (McGraw-Hill) sh, c
GENETICS, HUMAN

AIBS Series: Germ Theory of Disease.
28 min, B&W, 1962 . . . . $6.50
Outlines the history of contagion in diseases. Explains host-parasite relationship and discusses Koch's Postulates. Illustrates experiments of Redi and Pasteur offsetting spontaneous generation. Explains symptomology of disease-causing organisms. (McGraw-Hill) sh, c
CELLS; MICROBIOLOGY

AIBS Series: Hormones.
28 min, Color, 1963 . . . . $13.00
Defines 'hormone' and 'target organs' and discusses experiments of Bayliss and Starling leading to discovery of hormones. Covers chemical constitution of hormones; demonstrates hormonal changes in rooster and caterpillar. (McGraw-Hill) sh, c
PHYSIOLOGY; ZOOLOGY

AIBS Series: Importance of Microorganisms.
28 min, B&W, 1962 . . . . $6.50
Discusses the role of microorganisms in life processes, such as decomposition of organic material. Explains desirable and undesirable effects on decomposition. Discusses control of disease-producing organisms through immunology, chemotherapy, antibiotics. (McGraw-Hill) sh, c
ADAPTATION (BIOLOGY); MICROORGANISMS; PHYSIOLOGY

AIBS Series: Inheritance in Man.
28 min, Color, 1963 . . . . $13.00
Illustrates how laws of heredity apply to man. Describes such human traits as Hapsburg lip, polydactyly, sickle cell anemia, night blindness, albinism, Rh blood groups, PTC tasters, and eye color. (McGraw-Hill) sh, c
GENETICS, HUMAN; REPRODUCTION

AIBS Series: Marine Ecology.
28 min, Color, 1964 . . . . $13.00
Points out some limiting factors that influence distribution of plants and animals in the ocean. Illustrates some characteristics pertaining to life forms, zonation, stratification, and productivity of the ocean. (McGraw-Hill) sh, c
ECOLOGY; MARINE BIOLOGY; OCEANS

AIBS Series: Patterns of Energy Transfer.
28 min, Color, 1962 . . . . $13.00
Considers energy transfer from sunlight to utilization in cell metabolism. Illustrates heterotrophic and autotrophic processes. Photosynthesis is used to illustrate autotrophic nutrition. Discusses the importance of energy transfer in biological phenomena. (McGraw-Hill) sh, c
BOTANY-PHYSIOLOGY; CELLS

AIBS Series: Rock and the Record.
28 min, Color, 1964 . . . . $6.50
Presents various ways in which the age of rocks and of fossils in them can be discovered; uses simplest methods to most up-to-date radio-active carbon dating. (McGraw-Hill) sh, c
BIOLOGY–ECOLOGY; EVOLUTION; PALEONTHOLOGY

AIBS Series: Viruses.
28 min, B&W, 1962 . . . . $6.50
Discusses medical importance of viruses and cites diseases they cause. Describes use of electron microscope and bacteriophages. Traces history of virology and relates contribution of Jenner, Ivanowski, Bejerinck, and Stanley. (McGraw-Hill) sh, c
MICROBIOLOGY

Air All Around Us.
11 min, B&W, 1962 . . . . $3.50
In this new film, classroom demonstrations and everyday life problems are used to explain contraction and expansion of air, work of compressed air, that air has weight, and other concepts related to air. (McGraw-Hill) el
ATMOSPHERE

Air Pollution.
11 min, Color, 1969 . . . . $7.00
Defines what air pollution is, then views the many man-made and natural causes of pollution. (Journal Films) jh, sh
ATMOSPHERE

Airplane Trip (4th Edition).
15 min, Color, 1972 . . . . $8.00
The story of a modern transcontinental jet flight. Shows airline personnel at work and glimpses of scenery during flight. (EBEC) el
CHILDREN'S FILMS

Airplane Trip by Jet (3rd Edition).
11 min, B&W, 1962 . . . . $3.50
The story of a modern transcontinental jet flight. Shows airline personnel at work and glimpses of scenery during flight. (EBEC) el
CHILDREN'S FILMS

Airplanes–How They Fly.
11 min, B&W, 1959 . . . . $3.50
This film indicates the functions of the airplane's parts, and the principles of flight. (EBF) el
AIRPLANES

Airport Helpers.
10 min, Color, 1964 . . . . $7.00
The story of David's trip to the airport. There he observes airport workers and their contributions to the community's welfare. (Saskatchewan Dept. of Ed.; IFB) el
CHILDREN'S FILMS

Alaska and its Natural Resources.
26 min, Color, 1960 . . . . $3.50
This film depicts both the promise and the challenge of the new State through the eyes of a young cheechako (tenderfoot) who seeks his future in the North. Viewers of the film accompany this central figure as he talks to salmon fishermen, farmers, oil-well drilling crews, lumbermen, geologists, miners and others. With him, the audience not only visits Alaska's cities of Juneau, Fairbanks, Kodiak, Ketchikan, Nome, and Sitka but its forests, farm lands and mountains as well. The film story includes content about Alaska's history and traditions, and about the young State's rich potential in minerals, fuels, fisheries, agriculture, timber, water and other natural resources. (USBM) el, jh, sh, a
ALASKA; NATURAL RESOURCES

Alaska: A Modern Frontier.
10 min, Color, 1962 . . . . $7.00
Through the wilderness your students will travel for a firsthand view of Alaska. They'll see the thriving, modern community of Fairbanks. They'll take a trip with 'the flyingest people in the world' to visit gold miners, salmon fishermen, pioneer farmers of the Matanuska Valley, and Eskimos on the coast of the Bering Sea. (Coronet) el, jh, sh
ALASKA

Alaska: The 49th State.
16 min, B&W, 1961 . . . . $4.00
This film depicts Alaska's geography, resources, people and their jobs. It indicates that many obstacles must be overcome before Alaska can reach its full potential of wealth: inadequate transportation, lack of industries located within the state, too many imports and not enough exports. (EFB) el, jh, sh, c
ALASKA; NATURAL RESOURCES

Albert Gleizes.
16 min, Color, 1971 . . . . $8.00
Presents the painter who early in his career began experimenting with structure to rediscover form, a concept which eventually led to Cubism. (IFB) sh, c, a
ART–MODERN; ARTISTS

Alco Beat.
11 min, Color, 1965 . . . . $7.00
Demonstrates the effects of drinking on "guinea pig" drivers tested on a specially prepared driving range–sober versus "under the influence." (AIMS) jh, a
SAFETY EDUCATION

Alcohol–How Much is Too Much?
11 min, Color, 1972 . . . . $7.00
Stresses mature decisions regarding drinking, in terms of respect for one's self and respect for others. Considers alcohol, through such facts as: its abuse as a drug, its chemical identification, its physiological effects on the brain and other parts of the human body, and its effects on reaction time, coordination, perception, etc. (AIMS) jh
ALCOHOLISM; GUIDANCE, PERSONAL

Alcohol is Dynamite.
10 min, B&W, 1968 . . . . $3.50
This film is a hard-hitting, dramatic portrayal of the dangers of teenage drinking. Depicts the possible immediate and long-range mental and physical effects of alcohol. (WCTU) sh
ALCOHOLISM

Alcohol Problem: What Do You Think?
18 min, Color, 1972 . . . . $10.00
Society's most popular drug is examined from three perspectives: Part I reveals the social aspects of drinking, reviews the history of alcohol usage, and dramatizes the economic importance of the alcohol industry. Part II analyzes the chemistry of alcohol and the physiological effects of drinking. Viewers are treated to a vivid display of how alcohol affects the coordination of a baseball player at bat, and how a breath analyser is used. In Part III, experiments with mice show the physical dependency and withdrawal symptoms caused by alcoholism. Visits to a hospital and quotes from youthful alcoholics are used to provoke discussion about the potential problem drinker. (EBEC) jh, sh, c
ALCOHOLISM

Alechinsky.
20 min, Color, 1973 . . . . $10.00
This film presents Belgian artist Pierre Alechinsky in his workshop designing an acrylic painting. (IFB) sh, c, a
ART–MODERN

Alexander and the Car with a Missing Headlight.
13 min, Color, 1966 . . . . $7.00
Illustrated by kindergarten children with the color and spontaneity that youngsters bring to painting, this story tells of Alexander's exuberant adventures with his little old car. (Weston Woods) el
CHILDREN'S FILMS

Alexander Hamilton.
20 min, B&W, 1950 . . . . $5.00
Re-enacts episodes in the life of a leading figure in the formation of the American nation. Reveals Hamilton as a boy-businessman in the West Indies; points up his role in the American Revolution; dramatizes his part in the adoption of the Constitution, portrays his career as the first Secretary of the Treasury; re-enacts events which led to his death at the hands of Aaron Burr. (EFB) el, jh, sh, a
U. S.–HISTORY: 1783-1900; STATESMEN

Alexander the Great and the Hellenistic Age.
14 min, Color, 1964 . . . . $8.00
Photographed on the sites of Alexander's great victories, and including such archaeological treasures as the Sidon Sarcophagus, the Issus mosaic, and the ruins of Persepolis, this film follows Alexander's campaigns and the spread of Greek Culture. The resultant flowering of Rhodes and Delos, Hellenistic sculpture, the Temple of Zeus and other cultural remains. (Coronet) el, jh, sh
EUROPE–HISTORY: TO 476; GREECE

Alfareros de Puebla.
15 min, Color, 1968 . . . . $8.00
A Spanish language film. Investigates the pottery industry of Puebla, Mexico and the creation of Talavera tile there. (IFB) sh, c
SPANISH LANGUAGE

Algae.
16 min, Color, 1965 . . . . $8.00
Presents the five major groups of algae, their great diversity of size, form, habitat, and means of reproduction, and their ecological and economic importance. Shows varieties of algae representing green, blue-green, red, brown, and diatom groups. Pictures by time-lapse photography actual examples of fission, spore release, fragmentation, and daughter-colony formation. Shows sexual reproduction by fission and by penetration. Points to algae as the ultimate source of food for all aquatic animals, a source of stabilizers for many of our foods, and a promising food source for space flights. (Indiana University) jh, sh, c
BOTANY

Algebra: A Way of Thinking About Numbers.
11 min, B&W, 1965 . . . . $3.50
Pointing out that algebra is a continuation of arithmetic and that all the rules of arithmetic apply in algebra, this film shows how mathematical statements are translated into algebraic terms and expressions. It points out how the basic tools of equations and inequalities, showing relationships between numbers, can be used to solve many different kinds of problems. (Coronet) jh, sh
ALGEBRA; MATHEMATICS–STUDY AND TEACHING

Algebra and Powers of Ten.
31 min, B&W, 1959 . . . . $6.50
This film explains simple algebraic equations with particular emphasis on their use in physics. (EFB) sh
ALGEBRA; PHYSICS; MATHEMATICS–STUDY AND TEACHING

Alice in Numberland.
15 min, Color, 1962 . . . . $3.50
This film produced for the statistical reporting service tells the story of a typical American wife and mother faced with the problem of how much food it takes to feed her family on a day-to-day basis. This presentation is a fantasy based on the facts of consumer economics, involving the farmer, the processor, the transporter, the retailer, and the housewife. Cleared for TV. (USDA) sh, a
CONSUMER EDUCATION

All Gold Canyon.
21 min, Color, 1972 . . . . $10.00
This action-filled adventure film, freely adapted from the Jack London story, deals with the effect of gold on man's character. As a lone prospector discovers gold in a deserted canyon and begins laboriously extracting it from the ground, his former partner ambushes him. (Weston Woods) jh, sh
LITERATURE

All I Need is a Conference.
30 min, B&W, 1954 . . . . $6.50
This film emphasizes that leaders of business training meetings need to find ways to improve productivity. The film story works out the idea that in order to deal successfully with a specific problem, the leader must first know how to deal with the people who are trying to solve it. (Henry Strauss Distributing Co.) c
BUSINESS; COMMUNICATION; PSYCHOLOGY

All Our Futures.
20 min, Color, 1973 . . . . $3.50
Documents the efforts of UNICEF to relieve the suffering of Third World inhabitants by medical treatment and nutritional aid. Highlights the importance of these efforts to the world's future. (UNICEF; Association-Sterling) c, a
INTERNATIONAL COOPERATION; UNITED NATIONS

Allerlei aus Deutschland.
14 min, Color, 1963 . . . . $8.00
A trip through present-day West Germany views a parade celebrating an Eisenhower visit with Chancellor Adenauer, Rhine castles and shipping, industrial centers of the Ruhr, picturesque farmlife, a modern school, a pottery manufacturing plant, an oil refinery, a Volkswagon assembly line, and the dances and costumes of some areas of West Germany. (IFB) jh, sh, c, a
GERMAN LANGUAGE FILMS

Alone in the Midst of the Land.
27 min, Color, 1970 . . . . $13.00
A dramatized account of man's destruction of his own environment. In this film the last man on earth must live in a protective suit after the rest of the population has been destroyed by man-made pollution. (NBC) jh, sh, c, a
ECOLOGY; POLLUTION

Am I Dependable.
11 min, Color, 1970 . . . . $7.00
Examines three open-ended situations in which dependability is important; doing a job, giving information, and using good judgment. (Coronet) el, jh
GUIDANCE, PERSONAL

Amazon.
52 min, Color, 1968 . . . . $19.00
Describes the Amazon River and investigates its history. Illustrates the unique technology of each of the Amazon Indian tribes. Points out that rubber manufacturing, timber production, pepper harvesting and gold mining attracted different people to Amazonia. (NGS) jh, sh, c
BRAZIL; SOUTH AMERICA

America in Space.
14 min, Color, 1963 . . . . $3.50
Brief overview of NASA's first five years, showing the growth of the United States space efforts from its beginnings, ranging from Explorer I, through to the early phases of the program to land an American on the moon before the end of the decade. (National Aeronautics and Space Administration) jh, sh
AERONAUTICS; SPACE FLIGHT; U.S.–HISTORY: 1898-

America: On the Edge of Abundance.
59 min, B&W, 1965 . . . . $10.00
Explores the far-reaching economic and social consequences of

the increasingly automated and computer-oriented society in the United States as viewed by British Television. Traces America's growth from an agricultural base to a manufacturing society and focuses on automation. Shows immense problems of retraining and suggests that leisure will become the new business. Concludes that U.S. values must be re-examined. (NET) sh, c, a
SOCIAL PROBLEMS

American Economy: Adding Money to the Model (No. 44).
30 min, B&W, 1962 . . . . $3.50
Discusses how changes in the stock of money may affect GNP by influencing the levels of consumer and investment spending, and provides a convenient framework for studying monetary and other factors that affect the general price level. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY

American Economy: American Economy and the Problem of Growth (No. 56).
30 min, B&W, 1962 . . . . $3.50
In this film, guest lecturer Professor Arthur Burns, states how he believes we will get an adequate rate of growth, and he contends that it is dangerous to use fiscal policy to achieve it. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: And Then Come Market Prices (No. 14).
32 min, B&W, 1962 . . . . $3.50
This is the most important single film in the whole group of films on demand or supply factors. This film brings demand and supply together and shows quite simply how they affect the prices of the things we buy. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Backdrop for Public Policy (No. 20).
30 min, B&W, 1962 . . . . $3.50
A lecture by Dr. Douglass C. North is devoted primarily to the historical development of our public policy toward monopoly, and secondarily to an interpretation of other economic policies in U.S. history. History classes as well as economic classes may find it of interest to them. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Banks for Bankers: Federal Reserve System (No. 36).
30 min, B&W, 1962 . . . . $3.50
The film indicates the historical circumstances leading to the establishment of the Federal Reserve System, and outlines its organization and functions. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY; BANKS AND BANKING

American Economy: Building an Income and Employment Model–Part I (No. 42).
30 min, B&W, 1962 . . . . $3.50
This film is the most essential of a series of three films explaining the main factors which determine the level of production, national income, and the level of employment in the economy. Attention is directed to the level of consumption and investment spending. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; UNEMPLOYMENT

American Economy: Building an Income and Employment Model–Part II (No. 43).
30 min, B&W, 1962 . . . . $3.50
This film continues the investigation of the determinants of total level of output and employment in the economy which was begun in the previous film. It explains the relationship between savings and investment, and how government activities affect national income. (Joint Council on Economic Education; NET) sh, c
ECONOMICS: UNEMPLOYMENT

American Economy: Businesses of America (No. 6).
30 min, B&W, 1962 . . . . $3.50
A hypothetical producer of a machine which transforms old empty bottles into light bulbs provides a simple vehicle for describing four major forms of business organizations–sole proprietorship, partnership, corporation, and cooperative. Dr. Coleman explains the advantages and disadvantages of each kind of enterprise, how they expand (vertically, horizontally, and by diversification), and how they raise capital. Some interesting figures are given on the degree of industrial concentration. (Joint Council on Economic Education; NET) sh, c
ECONOMICS: BUSINESS

American Economy: Can We Have Full Employment Without Inflation? (No. 49).
30 min, B&W, 1962 . . . . $3.50
Professors Paul Samuelson and Milton Friedman present different viewpoints on the title question and related issues concerning the government's role in economic instability. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; UNEMPLOYMENT

American Economy: Case of Few Firms–Part I (No. 17).
30 min, B&W, 1962 . . . . $3.50
Many markets are dominated by a few sellers, instead of the large number characterizing pure competition. This film provides a good introduction to a study of such markets, called "oligopolies." (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Case of Few Firms–Part II (No. 18).
30 min, B&W, 1962 . . . . $3.50
This cites some of the most important anti-trust cases in American history to illustrate methods used by oligopolists to try to control markets. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Case of One Firm (No. 19).
30 min, B&W, 1962 . . . . $3.50
This film gives the student a very good introduction to the study of monopoly. An example of a monopoly and its source of monopoly power is given, and the general nature of monopolistic position is explored. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Collective Bargaining Table (No. 29).
30 min, B&W, 1962 . . . . $3.50
This film shows what is involved in the collective bargaining process. In one part of the film, actors speaking the parts of labor and management express the attitudes of both groups. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; LABOR AND LABORING CLASSES

American Economy: Communism: The Soviet Model (No. 57).
30 min, B&W, 1962 . . . . $3.50
In this and the following lesson, the economy of the Soviet Union is examined. A historical summary of the establishment and development of Communism is presented in this film in addition to a description of the basic characteristics of the economy. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; COMMUNISM

American Economy: Consumers' Side: Demand–Part I (No. 10).
30 min, B&W, 1962 . . . . $3.50
This film explains as simply as possible the way the economist analyzes demand, thus preparing for the supply and demand analysis of Lesson No. 14. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; CONSUMER EDUCATION

American Economy: Consumers' Side: Demand–Part II (No. 11).
30 min, B&W, 1962 . . . . $3.50
This film extends the study of the demand curve and develops, in relative detail, the concept of elasticity of demand. The importance of concept is that it provides a simple measure of the degree of responsiveness of consumers to price changes. (Joint Council on Economic Education: NET) sh, c
ECONOMICS; CONSUMER EDUCATION

American Economy: Economics of Trading Among Nations (No. 52).
30 min, B&W, 1962 . . . . $3.50
This film uses some simple examples to help students understand the answer to two basic questions. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; INTERNATIONAL RELATIONS

American Economy: Economics of Underdevelopment (No. 54).
30 min, B&W, 1962 . . . . $3.50
In this course, two lessons, No. 54 and 55 are devoted to an examination of the aspirations of underdeveloped areas, the difficulties confronting them with respect to economic development, and possible courses of action which they may take. Lesson No. 54 presents some startling comparisons of income levels in different countries, and outlines several characteristics common to underdeveloped areas. The viewer is thus introduced to an economic problem which is sure to be an important feature of the history of the last half of the twentieth century. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; INTERNATIONAL RELATIONS

American Economy: Economics, Politics, and the Money Supply (No. 46).
30 min, B&W, 1962 . . . . $3.50

This film will help students see the possibilities, limitations, practical problems in the use of monetary policy, and the role of the Federal Reserve. It carries the class well beyond mere knowledge of the powers of the Federal Reserve as given in Lessons No. 36 and 37, and prepares them for current discussions of monetary policy. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY; U. S.–POLITICS

American Economy: End is Just the Beginning (No. 60).
30 min, B&W, 1962 . . . . $3.50
As the concluding film in the series, it helps students obtain a broad perspective on the economics they have studied. It reviews the main things that concern people in connection with the economy, and it holds open the prospect of learning more about economic matters in a changing world. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Equilibrium in the Competitive Society (No. 16).
30 min, B&W, 1962 . . . . $3.50
This film reviews and ties together ideas developed in earlier lessons (beginning with Lesson No. 9) to show how quantity supplied, quantity demanded, and price would be determined in an economy with pure competition. It is pointed out that competition does not solve all economic problems, though it has certain economic functions to perform. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Federal Budget: Inflow (No. 39).
30 min, B&W, 1962 . . . . $3.50
This film deals with taxation by the Federal government, and explains that the economic problem is not only to get a certain amount of money, but to release some economic resources from private use for various governmental activities and avoid inflation in the process. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY; CONSUMER EDUCATION

American Economy: Federal Budget: Outflow (No. 38).
30 min, B&W, 1962 . . . . $3.50
This film provides an analysis of Federal government expenditures. It contains much useful information about where the money goes and how much Federal expenditures have grown. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Gross National Product and Its Cousins–Part I (No. 30).
30 min, B&W, 1962 . . . . $3.50
This lesson explains the components of national income and output, the relation between them, and the differences among the statistical measures of national income. The simple circular flow of income diagram is also explained. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Gross National Product and its Cousins–Part II (No. 31).
30 min, B&W, 1962 . . . . $3.50
This is the second of the content films on the measurement of the level of economic activity of the economy. In this film, the concepts and relations of national income accounting introduced in Lesson No. 30 are more intensively examined. A little historical data is also presented on the relative magnitudes of the various components of the income and output flows. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: How Important is Money? (No. 45).
30 min, B&W, 1962 . . . . $3.50
Provides a cursory glimpse of U. S. monetary history and statistics. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY

American Economy: How Money Expands and Contracts (No. 35).
30 min, B&W, 1962 . . . . $3.50
This film examines the manner in which demand deposits are created by the fractional reserve banking system of this country, and is very important for an understanding of the banking system and its role in determining the magnitude of the money supply in the United States. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY; BANKS AND BANKING

American Economy: How the Soviet Economy Works (No. 58).
30 min. B&W, 1962 . . . . $3.50
The decisions made in the economy of the Soviet Union by workers and managers do not follow directly from the existence on paper of a national economic plan drawn up by a central planning commission. A mechanism must exist which ensures the adoption of the plans and goals developed by the central body. This second film on the economy of the Soviet Union examines the institutions which perform this function and the methods by which the members of the economy are motivated to carry out the goals of the planners. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; COMMUNISM

American Economy: Introducing Factor Markets (No. 23).
30 min, B&W, 1962 . . . . $3.50
For whom shall goods and services be produced? The film answers by pointing out that in a market economy goods and services go to those who purchase them with their incomes. So this film is essentially concerned with who gets how much income and why; this question is answered by examining the factors of production–land, labor, and capital. The distribution of income is shown to be determined by the pricing of the factors of production. It analyzes how income is distributed and provides the background which is necessary to understand the subsequent films which deal with specific types of income. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Introducing the Price System (No. 3).
30 min, B&W, 1962 . . . . $3.50
This film uses a simple example to show how in our economic system the three basic questions of what, how and for whom are answered by the way market prices guide individual economic decisions. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Lessons from the Isms (No. 59).
30 min, B&W, 1962 . . . . $3.50
This film provides a framework for comparing different economic systems by using the Soviet and U. S. economies as a basis for comparison. It shows the differences between the two systems with respect to their methods of answering the basic questions of what to produce, how to produce it, for whom to produce, and at what aggregate level of production. The role of economic freedom is considered. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; COMMUNISM

American Economy: Level of Business Activity: Knowns and Unknowns–Part I (No. 40).
30 min, B&W, 1962 . . . . $3.50
This film begins a series on fluctuations in the level of business activity, and on policies to mitigate the fluctuations. The student is given an impression of the nature of the fluctuations, and special attention is given to the level of unemployment and other indicators of the ups and downs of the economy. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; UNEMPLOYMENT

American Economy: Level of Business Activity: Knowns and Unknowns–Part II (No. 41).
30 min, B&W, 1962 . . . . $3.50
This film will further the students' understanding of the business cycle by examining some specific theories which seek to explain business fluctuations. In addition, the film introduces two extremely important economic concepts–the multiplier and accelerator principles. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; UNEMPLOYMENT

American Economy: Look at the American Record (No. 2).
30 min, B&W, 1962 . . . . $3.50
Any study of the American economy can benefit by an attempt to visualize its dramatic growth, to analyze the different types of change involved, and to identify a few of the resulting problems. The film includes a look at the history of the automobile industry, which provides a good point of departure for any discussion of economic change. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Market Society and How it Grew–Part I (No. 4).
30 min, B&W, 1962 . . . . $3.50
It is very important for students to see our economic system in historical perspective. This lecture by Robert L. Heilbroner attempts to provide it. It contrasts our system with earlier systems and shows what brought about the development of our market economy. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Economy: Market Society and How it Grew–Part II (No. 5).

30 min, B&W, 1962 . . . . $3.50

Guest lecturer Robert Heilbroner explains some of the main ideas of Adam Smith which are still central to our understanding of the economic system, and comments briefly on a few ideas later economists tried to add. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Matter of the Debt (No. 48).

30 min, B&W, 1962 . . . . $3.50

This film will help students analyze several frequently held ideas about the public debt. The film is basically a commentary by Dr. Coleman on what he considers to be five of the most frequently heard fears about our federal debt. Each one of these fears is stated by a different individual. Then Dr. Coleman proceeds to give his analysis of the degree of economic truth expressed in these statements. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Modern Corporation–Part I (No. 7).

30 min, B&W, 1962 . . . . $3.50

The Chairman of the Boards of two large corporations discuss the role of the corporation in present day America. This provides an insight into the way many modern executives view the role of their corporations and may be used to introduce a discussion of the issues thus raised. (Joint Council on Economic Education; NET) sh, c

ECONOMICS; BUSINESS

American Economy: Modern Corporation–Part II (No. 8).

30 min, B&W, 1962 . . . . $3.50

This film discusses the ownership, control, and management of corporations. It also examines briefly methods used by corporations to finance the acquisition of capital goods and presents figures on the changing membership of the list of the 100 largest changing corporations. It fills in some of the gaps left by Lesson No. 7, and continues the introduction to the modern industrial corporation. (Joint Council on Economics; NET) sh, c

ECONOMICS; BUSINESS

American Economy: Money and the "Fed"–Part I (No. 37).

30 min, B&W, 1962 . . . . $3.50

This film is devoted to an explanation of how the "Fed" uses its powers to influence the money supply. (Joint Council on Economic Education, NET) sh, c

ECONOMICS; MONEY; BANKS AND BANKING

American Economy: Overview of the American Economy (No. 9).

30 min, B&W, 1962 . . . . $3.50

Perhaps the most familiar words heard from economists are the words "supply" and "demand." No one can understand a market economy such as ours without some understanding of supply and demand. Eight films, of which this is the first, help students learn how supply and demand work in competitive markets in our economy. This film helps explain how the basic decisions are made in our economy as to what to produce, how to produce it, and for whom to produce. Attention is centered upon the nature of competitive market and the behavior of people in such a market. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Patterns in Income Distribution (No. 27).

30 min, B&W, 1962 . . . . $3.50

This lesson focuses on the "for whom" question in the American economy. It gives facts and figures on both the functional and personal distribution of income in the U. S. Some of the reasons for income inequalities between families are also explained. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Policy Problems: What About Collusion? (No. 21).

30 min, B&W, 1962 . . . . $3.50

Shows the benefits of competition, how collusion among a few businesses that dominate their field can arise, and the policy alternatives to be considered. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Producers' Side: Supply–Part I (No. 12).

30 min, B&W, 1962 . . . . $3.50

The explanation of what determines market supply is usually a little more difficult for students to understand than the explanation of demand. This film might help to introduce some of the cost concepts that are pertinent. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Producers' Side: Supply–Part II (No. 13).

30 min, B&W, 1962 . . . . $3.50

This film builds on the concepts introduced in Lesson No. 12 to complete the study of how producers' costs affect the supply of goods brought to the market. It explains the long-run supply curve of a competitive industry. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Prospects for "Take-Off" (No. 55).

30 min, B&W, 1962 . . . . $3.50

The previous lesson outlined the conditions existing in most underdeveloped countries; this lesson examines the various choices confronting the policy makers in these nations in their pursuit of economic development. (Joint Council on Economic Education; NET) sh, c

ECONOMICS; INTERNATIONAL RELATIONS

American Economy: Putting the Market Tools to Work (No. 15).

30 min, B&W, 1962 . . . . $3.50

This film illustrates how supply and demand work to establish an equilibrium price, but how, in some instances, they are prevented from doing so. The concrete examples used may help the student learn to apply demand and supply analysis. First is a normal case, second a shortage. The third of the four cases presented shows that surpluses result from supports. The fourth case introduces the question of the effect of an excise tax on production and consumption of a particular product, the illustration being whiskey. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Review Lesson (No. 22).

30 min, B&W, 1962 . . . . $3.50

Use this film to review the highlights of Lessons 16 through 21. It can doubtless be used successfully with additional class discussion even if some of the films in the group were omitted. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Econony: Review Lesson (No. 50).

30 min, B&W, 1962 . . . . $3.50

This film reviews the macroeconomic concepts in Lessons 40 and 49. After indicating two policy goals–high level employment and reasonable stable prices–Dr. Coleman outlines points made in six major areas. (Joint Council on Economic Education; NET) sh, c

ECONOMICS; UNEMPLOYMENT

American Economy: Root of Labor Unions (No. 28).

30 min, B&W, 1962 . . . . $3.50

Labor unions in the United States play an important role in economic life. In spite of their influence, however, it has been in relatively recent years that unions have become strong. Current issues involving labor cannot be understood, apart from the story of its past. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Spotlight on Profits (No. 26).

30 min, B&W, 1962 . . . . $3.50

This lesson clears up some misunderstandings about profits and gives a first-rate, dispassionate account of the nature and role of profits in our economy. Differences between the businessman's definition of profits and the economist's definition are explained. The film then gives information about the size of profits and their usefulness in directing the energies of business managers. (Joint Council on Economic Education; NET) sh, c

ECONOMICS

American Economy: Tariffs, Quotas, and All–Part III (No. 53).

30 min, B&W, 1962 . . . . $3.50

Argument over tariff policy has been one of the staples of political debate throughout American history. Willard Thorp, the guest lecturer in this film, draws upon his experience as a government official and professional economist to discuss international trade. He points out the arguments commonly heard for protection from foreign competition, and examines them from the viewpoint of both economics and political situations existing in the world today. (Joint Council on Economic Education; NET) sh, c

ECONOMICS; INTERNATIONAL RELATIONS

American Economy: Tools of Fiscal Policy (No. 47).

30 min, B&W, 1962 . . . . $3.50

Clarifies the manner in which the level of economic activity is affected by changes in the level of government spending or taxation. Some simple economics cut through the controversy that characterizes so much public discussion of these matters. (Joint Council on Economic Education; NET) sh, c

ECONOMICS: U. S.–POLITICS

American Economy: U. S. Balance of Payments (No. 51).
30 min, B&W, 1962 . . . . $3.50
The transition from the idea of an isolated, national economy to that of a world economy is usually a difficult step for students in economics. Elements of national interest and pride are involved in the study of international economics, as well as such factors as different currencies, the role of gold, and the importance of tariffs. The purpose of this film is to lessen the difficulty of understanding some of the problems which exist, by examining the types and magnitude of economic transactions between the U. S. and foreign countries. By explaining the meaning of a balance of payments deficit and analyzing U. S. difficulties in this area, it provides both an introduction to international economics and a basis for policy discussions. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; INTERNATIONAL RELATIONS

American Economy: Wages: Closer Look (No. 25).
30 min, B&W, 1962 . . . . $3.50
This lesson continues the study of wages begun in Lesson No. 24. Its full value can be realized only if students are familiar with concepts developed in Lesson No. 24. The purpose of this film is to point out some qualifications which must be applied to the analysis of Lesson No. 24 when looking at actual labor markets which are not perfectly competitive. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; LABOR AND LABORING CLASSES

American Economy: Wages: First Look (No. 24).
30 min, B&W, 1962 . . . . $3.50
This film acquaints students with some of the main economic factors which lie behind the supply and demand of labor and which, therefore, have much to do with how high a wage various kinds of labor can obtain. The working of pure competition in labor markets is treated. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; LABOR AND LABORING CLASSES

American Economy: What Money is and is Not (No. 34).
30 min, B&W, 1962 . . . . $3.50
Essential to an understanding of how the American economy functions is a recognition of the nature and role of money in a modern economy. In a very direct and informative fashion, this film provides answers to questions regarding the nature and role of money with particular emphasis upon our money in the United States. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; MONEY

American Economy: When Output Was Low: The 1930's (No. 32).
30 min, B&W, 1962 . . . . $3.50
The Great Depression of the 1930's resulted in substantial change in the economic structure of this country and in economic thought, but is sometimes difficult for students, living in a generally prosperous period, to understand because they don't get the feel of a serious depression. Through the use of statistics, description, and selection from films from the depression period, this film tries to recreate in the minds of students an image of the political, social, and economic effects of this great national disaster. Without attempting to analyze the cause of the depression, it presents an insight into the thinking and actions of various individuals and groups during the period, and indicates the futility and despair characteristic of the depression years. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; U. S.–HISTORY: 1898-

American Economy: When Prices Were High: The 1950's (No. 33).
30 min, B&W, 1962 . . . . $3.50
Against the background of the American experience of the 1950's, this film examines the inflation problem, through a study of its possible causes, its characteristics, and its consequences. The film is particularly informative for today's students who have experienced a rising price level throughout their lifetime. (Joint Council on Economic Education; NET) sh, c
ECONOMICS; U.S.–HISTORY: 1898-

American Economy: World of Economics (No. 1).
30 min, B&W, 1962 . . . . $3.50
Serves as an introduction to the total series of films. Former Presidents Eisenhower and Kennedy speak briefly on the importance of the study of economic principles in a democratic society. The basic economic problem of unlimited wants and limited resources is developed. (Joint Council on Economic Education; NET) sh, c
ECONOMICS

American Flag.
13 min, Color, 1960 . . . . $7.00
Born as we fought for liberty, our flag grew with the nation. Here is the stirring dramatization–the march of events–out of which the stars and stripes have emerged as the emblem of our nation's independence and unity. (EBF) el, jh, sh
U. S.–HISTORY: 1783-1900; U.S.–History: 1898-; PATRIOTISM

American Indians as Seen By D. H. Lawrence.
14 min, Color, 1966 . . . . $8.00
At the Lawrence ranch near Taos, where the great novelist spent most of his latter years, we hear his wife Frieda speak intimately about his beliefs and thoughts. Aldous Huxley presents selections from Lawrence, which reveal his deep insights into the religious and ceremonial impulses of Indian culture as shown by various ritual dances. (Coronet) jh, sh, c
INDIANS OF NORTH AMERICA: RELIGION

American Indians of Today.
16 min, B&W, 1969 . . . . $4.00
16 min, Color, 1969 . . . . $8.00
Contrasts present-day activities, achievements, and problems of American Indians as they exist on a reservation and in urban relocation centers. Reveals current trends that are shaping the future of Indians. (EBEC) jh, sh
INDIANS OF NORTH AMERICA

American Literature: Colonial Times.
10 min, B&W, 1953 . . . . $3.50
This film shows that the beginnings of literature in this country took the form of practical, useful documents, reflecting the natural wonders of the new world to which the settlers had come, and the hard pioneer life and deep religious faith of these people. (Coronet) jh, sh
AMERICAN LITERATURE

American Literature: Early National Period.
10 min, B&W, 1953 . . . . $3.50
The first real literature of America is presented here in the writings of Philip Freneau, William Cullen Bryant, Washington Irving and James Fenimore Cooper, who found their subjects in the native scene, the natural beauty, the folk legends, the humor, and the traditions which were characteristically American. (Coronet) jh, sh
AUTHORS, AMERICAN; AMERICAN LITERATURE

American Literature: Realists.
10 min, B&W, 1953 . . . . $3.50
This film discusses the writings of Upton Sinclair, Theodore Dreiser, Hamlin Garland, Stephen Crane, Jack London, Booth Tarkington, and Sinclair Lewis, and associates the theme of realism with many of our present-day novelists, poets, essayist and dramatists. (Coronet) jh, sh
AMERICAN LITERATURE; AUTHORS, AMERICAN

American Literature: Revolutionary Times.
10 min, B&W, 1953 . . . . $3.50
This film brings to life some of the important writings of Benjamin Franklin, Patrick Henry, Thomas Paine and Thomas Jefferson. (Coronet) jh, sh
AMERICAN LITERATURE; U.S.–HISTORY: REVOLUTION

American Literature: Westward Movement.
11 min, B&W, 1957 . . . . $3.50
This film enables students to see how the people and themes of the westward movement have served as a source of material for writers from the early nineteenth century to the present day. Scenes characteristic of the adventurous spirit of the movement are combined with quotations from the works of poets, historians, and novelists. (Coronet) jh, sh, c
AMERICAN LITERATURE; U.S.–HISTORY: CIVIL WAR

American Memoir: Best Sellers.
29 min, B&W, 1964 . . . . $6.50
In an overview of best sellers of the twentieth century, Dr. Dodds analyzes the continuities and contrasts in the literary tastes of the American public. He notes the persistence of "how to" books, from those describing short-cuts to financial success to those on religious topics. He also examines the concept of reading for escape and the ways in which it has changed over the years. Historical romances, westerns, "who-done-its," and other fictional works show a progressive trend away from the stable optimism and naivete of the early 1900's toward what Dr. Dodds terms "a sharpened sense of the human condition" and a search for meaning in a confused world. (WTTW; NET) sh, c, a
AMERICAN LITERATURE

American Memoir: Culture for the Millions.
29 min, B&W, 1964 . . . . $6.50
One common denominator of our culture is the people's desire for self-improvement. An early manifestation of this desire was

an American institution that endured until the late 1920's–tent Chautauqua. A source of inspiration, education, and entertainment reaching hundreds of towns throughout the nation, Chautauqua became a major vehicle for lectures, musicians, and entertainers including such notables as Clarence Darrow, Williams Jennings Bryan, Samuel Gompers, John Philip Sousa, and the Fisk Jubilee Singers. Tent Chautauqua quietly succumbed to the competition of radio and motion pictures, but its modern equivalent may be found, in a more sophisticated form, in our Great Books groups and adult education seminars. (WTTW; NET) sh, c, a

U. S.–HISTORY

American Memoir: Radio.

29 min, B&W, 1964 . . . . $6.50

Dr. Dodds discusses the "Radio Era" and how it revolutionized life. From the 20's to the early 30's, radio was emerging as the "poor man's" entertainment: Captain Midnight, The Green Hornet, and the "soap opera" had already been launched when vaudeville and variety artists such as Eddie Cantor, Fred Allen, and Jack Benny began to exchange quips through the new medium. As the 30's wore on radio entered the realm of serious programming with concerts, drama, and on-the-spot news reporting, and during World War II, it had perhaps its finest hour. Today, in the era of television, radio has lost much of its mass appeal, but those who remember it in its heyday know what a force it was in unifying the American people. (WTTW; NET) sh, c, a

MASS MEDIA; RADIO

American Memoir: Sixty Years of Magazines.

29 min, B&W, 1964 . . . . $6.50

Dr. Dodds traces the changes in American attitudes and tastes as reflected in magazine publishing since 1900. Magazines in the first decade of the century, in deference to the middle-class morality of the time, were models of gentility and decorum. In the 1920's a new wave of free thinking, combined with an awakening interest in current social, national, and international problems, swept away some of the cultural cobwebs. Since 1945 the tone and content of magazines have reflected a growing sophistication and sharpened sense of living inevitable in a world of increasing complexity and insecurity. (WTTW; NET) sh, c, a

MASS MEDIA

American Memoir: The Movies.

29 min, B&W, 1964 . . . . $6.50

Dr. Dodds examines the movies of the twentieth century for clues to the changes and constancies in American taste. By the 20's the sentimental melodrama had given way to a new wave of frenetic frivolity, and the need for a code of self-censorship became apparent. Recently the sporadic efforts of independent movie producers have resulted in a liberalization of the code. There have been some distinguished films despite a motion picture industry that continues to search for the lowest common denominator of taste, and that fact, says Dr. Dodds, leads one to think that the artistic integrity of motion pictures is still redeemable. But, as he points out, this will be possible only with full support of a discriminating public. (WTTW; NET) sh, c, a

MASS MEDIA; MOTION PICTURES

American Revolution.

12 min, Color, 1952 . . . . $7.00

A clear explanation of the strategy, the struggle, the movement of forces, and important military engagements of the war for independence. Stresses geographical and social factors which brought victory to the thirteen states. Animated drawings and color photography cover the terrain and battlefields over which the war was fought. (EBF) sh, c

U. S.–HISTORY; REVOLUTION

American Revolution: The Background Period.

10 min, B&W, 1954 . . . . $3.50

What caused the farmer, laborer, craftsman, merchant, and frontiersman to take up arms against the British? Each had his own reason, but they were all united in the common cause of freedom. This film treats the political, social and economic conditions that formed the background of the American Revolution and those events which forced the Colonists to rebel against the mother country. (Coronet) jh, sh, c

U. S.–HISTORY; REVOLUTION

American Revolution: The Postwar Period.

10 min, B&W, 1954 . . . . $3.50

Out of the battles that began at Concord, the work to form a united army, the sufferings of seven years of war; out of the victory and out of the experiences of seven years without a central government, came an enduring government–our Constitution. This film traces the steps that brought union to the independent states of America. (Coronet) jh, sh, c

U. S.–HISTORY; REVOLUTION

American Revolution: The War Years.

10 min, B&W, 1954 . . . . $3.50

The major phases of the American Revolution–its proclamation at Independence Hall, its crisis at Valley Forge, its turning point at Saratoga, its climax at Yorktown, its victory made possible at Paris, and its achievement in the alliance of colonies that followed the war. The film stresses the efforts and successes of George Washington, both as a great general and as the leader of his people. (Coronet) jh, sh, c

U. S.–HISTORY; REVOLUTION

American Vision.

36 min, Color, 1966 . . . . $13.00

Uses paintings from the National Gallery of Art to show the history of American painting from late 18th to the early 20th century. (EBEC) jh, sh

ART

American Wilderness.

53 min, Color, 1971 . . . . $19.00

Deals with man's needs for space to reflect, to retreat, and to come in contact with an unspoiled nature. Photographed in the Sierras, Yosemite, and in the Cascades. (NBC) el, jh, sh, c, a

ECOLOGY; FORESTS AND FORESTRY; RECREATION

Americana: Plymouth Colony

27 min, B&W, 1968 . . . . $6.50

The reasons for the Pilgrims leaving their homes in England and their subsequent journey to the New World are described by Tony Saletan, musician, teacher, and world traveler. He gives a brief glimpse of the Mayflower, showing where 102 people stayed on the perilous trip across the ocean. At re-constructed Plymouth colony, Tony describes the preparation for the bitter "killer" winter that the group faced soon after their arrival. The deaths and problems that occurred, the food the Pilgrims were able to raise, and the uncertain relations with the Indians are all included in the visit. (NET; Indiana) el, jh

U. S. HISTORY: COLONIAL PERIOD

Americans on Mt. Everest.

52 min, Color, 1967 . . . . $19.00

Documents the first ascent of Mt. Everest by Americans up the southwest route and the hitherto unclimbed west ridge. (NGS) jh, sh, c, a

EXPLORERS

America's Crisis: Marked for Failure.

60 min, B&W, 1965 . . . . $10.00

Focuses on the problems facing both educators and children in America's slum schools and illuminates the reasons why these children are kept out of the cultural and, ultimately, the economic mainstream of society. Examines education in the schools and life on the streets of New York City's Harlem section to reveal the profound handicaps to learning that affect children from depressed areas and some of the efforts being made to overcome these disadvantages. (NET) c, a

SOCIAL CONDITIONS; EDUCATION

Among Your Souvenirs.

14 min, Color, 1967 . . . . $3.50

A vivid portrayal of the menace to U. S. crops, livestock and ornamentals presented by foreign plant and animal pests and diseases. Shows several different travel situations where tourists unwittingly bring serious foreign pests in fruit, meat, packing material, and other items that look innocent; how agricultural quarantine inspectors at United States airports and seaports stop these invasions. Points out that travelers can cooperate to protect U. S. resources by getting information and permits in advance, if they wish to bring foreign plant material into this country. Cleared for TV. (USDA) jh, sh, c, a

AGRICULTURE; ZOOLOGY; BOTANY–ECOLOGY

Amphibian Embryo.

16 min, B&W, 1963 . . . . $4.00

Illustrates the emergence of the amphibian embryo from egg to larva. Time-lapse and animation are used to show in stages, external and internal development of the embryo. Extraordinary time-lapse photography makes this film a unique contribution to the study of amphibian embryology. (EBF) sh, c

ZOOLOGY; AMPHIBIA

Anatomy of Violence.

30 min, B&W, 1967 . . . . $6.50

Presents several speeches on the relationship of violence to social reform. The speakers are part of a two-week Congress on the Dialectics of Liberation held in London. The Congress was sponsored by the Institute of Phenomenological Studies. Among those who appear are Professor Herbert Marcuse, University of California; Paul Goodman, editor, *Liberator* magazine; Stokely Carmichael; and Allen Ginsberg. Following the speeches, two

social scientists evaluate the conference in a discussion with David Prowitt, National Educational Television. (NET; Indiana) sh, c, a
SOCIAL CONFLICT; SOCIAL PROBLEMS

Ancient Africans.
27 min, Color, 1970 . . . . $13.00
A survey of early African civilizations. Imaginative maps by Philip Stapp set the scene for live photography of the ancient kingdoms of Kush, Axum, Ghana, Mali, Sonhay, and the dramatic stone ruins of Zimbabwe. The exciting art of Benin and Ashanti allows the viewer to compare ancient Africa with life today. (International Film Foundation) jh, sh, c, a
ANTHROPOGEOGRAPHY–AFRICA; AFRICA

Ancient Aztec Indians of North America.
8 min, Color, 1971 . . . . $6.00
Traces rise of Aztec Empire from 1100 A.D. to conquest of Central Mexico. Describes the empire's "floating capital," religion of human sacrifice, bureaucracy of priests and conquest by Spanish explorer Cortes. (EBEC) jh
HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Egypt.
10 min, B&W, 1952 . . . . $3.50
A visit to ancient Egypt to see the great Sphinx, the Temple at Karnak and many examples of famous Egyptian sculpture, is an important part of this interesting film. Three spheres are developed in which the Egyptian civilization has contributed to western culture: development of agriculture and community living, discoveries in the arts and sciences, and involvement of religion through polytheism. (Coronet) el, jh, sh, c, a
EGYPT; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Egyptian.
27 min, Color, 1963 . . . . $13.00
The first sequence deals with archaeology and the beginnings of the study of Egypt after Napoleon's conquest. The central section presents in broad outline the history of Egypt from 2700 B.C. down to the Roman Conquest, but the focus is always upon the ancient Egyptian himself; his temperament, his achievements, his religion, his daily life and the pleasures he found in it. The epilogue treats the building of the Aswan Dam and the threat to the great temple at Abu Simbel on the Nile. (IFF) sh, c, a
EGYPT; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Egyptian Images (Art of Ancient Egypt).
13 min, B&W, 1953 . . . . $3.50
Egyptian statuary in the Louvre is used effectively to introduce the history of Egyptian art. (Brandon) sh, c
EGYPT; HISTORY, ANCIENT (4000 B.C. - A.D. 476); ART

Ancient Grecian Images (Art of Ancient Greece).
10 min, B&W, 1953 . . . . $3.50
Examples of Greek art in the Louvre, primitive clay and terra cotta figurines, Cretan gods and goddesses, and high Greek art on the eve of the Roman invasion, beautifully photographed and presented as illustrations of the changing society that produced them. (Brandon) sh, c
EUROPE–HISTORY: TO 476; ART; GREECE

Ancient Greece.
10 min, B&W, 1951 . . . . $3.50
Primarily photographed in Greece, this film shows the Parthenon, the village of Sparta and the Acropolis. (Coronet) el, jh, sh, c
HISTORY, ANCIENT (4000 B.C. - A.D. 476); GREECE

Ancient Inca Indians of South America.
8 min, Color, 1971 . . . . $6.00
Surveys the immense and complex empire of the Incas with reference to their great cities, road system, advanced farming techniques, medical practices, art and government. (EBEC) jh
CENTRAL AMERICA; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Maya Indians of Central America.
9 min, Color, 1971 . . . . $6.00
Describes the attributes of the Mayan civilization at its height–its great temples, independent city states, flourishing trade, academic pursuits and art. Cites causes of civilization's decline and shows ruins. (EBEC) jh
CENTRAL AMERICA; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Mesopotamia.
10 min, B&W, 1953 . . . . $3.50
The contributions of the Sumerians, Semites, Babylonians and Assyrians, who occupied the Tigris-Euphrates valley, are depicted against authentic locales that include Babylon, Ur and Nineveh. These people were first to use the arch and the wheel. They developed a code of laws, a system of writing and military science, all of which have become a part of western civilization. (Coronet) el, jh, sh, c, a
HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient New World.
16 min, Color, 1967 . . . . $8.00
Pre-Columbian art objects and animation are used to visualize early civilizations and the later Mayan and Aztec cultures in Central America and Mexico. (Churchill) el, jh, sh
CENTRAL AMERICA; HISTORY

Ancient Orient: The Far East.
14 min, B&W, 1958 . . . . $4.00
The growth of early oriental civilizations in China, Japan, and India, is traced through re-enactments, and authentic locales. The film is enriched with scenes of early manuscripts, paintings, sculpture, and architecture to show some of the heritage and ideas that have shaped oriental life and thought from ancient times to the present day. (Coronet) jh, sh, c
JAPAN; HISTORY, ANCIENT (4000 B.C. - A.D. 476); CHINA

Ancient Persia.
11 min, Color, 1964 . . . . $7.00
The great Empire of Cyrus and Darius, the first "world-state," now lies in magnificent ruins which reveal its meteoric history; splendid palaces at Persepolis, great roads, gold coinage, and government by satraps. Famous sites like Marathon, the Hellespont, Thermopylae, and the Bay of Salamis illustrate the shift of power to the Greeks and the end of the Persian domination. (Coronet) el, jh, sh
HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient Peruvian.
27 min, Color, 1968 . . . . $13.00
Live-action and animation document the rise and fall of these vanished people: where they came from, how they prospered, their religions, their social structure, the physical remnants of their achievements. The art and life of the Ancient Peruvian is contrasted with scenes of contemporary Peru. (Julien Bryan; IFF) sh, c, a
PERU; HISTORY

Ancient Rome.
10 min, Color, 1949 . . . . $7.00
This production provides an authentic background for the study of Ancient Rome. The achievements of Rome in government, in architecture, in engineering, are presented here as specific inheritances from that culture. The famous Appian Way, the Sacra Via, the Forum and the palaces of the Palatine Hill are just a few of the scenes of Roman grandeur included in the film story. (Coronet) el, jh, sh, c
ITALY; EUROPE–HISTORY: TO 476; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Ancient World Inheritance.
10 min, B&W, 1962 . . . . $3.50
In this revision of the earlier subject two young people visit a large museum and learn that our money, alphabet and even the beginnings of modern industry developed out of ancient civilization. It is shown how primitive plows, hand looms and forges develop into the arts of paper making and glass blowing. Also pointed out in the film is the inheritance of architecture and law. (Coronet) el, jh, sh
HISTORY, ANCIENT (4000 B.C. - A.D. 476)

And Everything Nice (Girls).
23 min, Color, 1966 . . . . $3.50
For teen girls, encouraging them to think about what they eat and to practice sound nutrition habits at home, in school and in extracurricular activities. Gives grooming tips and shows importance of exercise. (Chapman 5 Production, Inc.; CDFC) jh, sh
NUTRITION; HOME ECONOMICS; GUIDANCE, PERSONAL

Andes.
11 min, Color, 1947 . . . . $7.00
Presents the story of an unusual mountain range, how it is responsible for the climate, resources, and boundaries of a nation, and how it governs the lives of the people of Chile. (Grubbs; IFB) jh, sh
ECOLOGY; SOUTH AMERICA

Andrew Jackson.
17 min, B&W, 1951 . . . . $4.00
Highlights important events in the boyhood and career of the man whose election as President brought the common man into

active participation of government. (EBF) el, jh, sh, c, a
STATESMEN: U. S.–HISTORY: 1783 - 1900; BIOGRAPHY

Andy and the Lion.
10 min, Color, 1955 . . . . $7.00
An iconographic motion picture based on the children's book of the same title by James Daugherty. Tells the story about a boy who befriends a circus lion and is in turn befriended. (Weston Woods) el
CHILDREN'S FILMS

Anger at Work.
21 min, B&W, 1956 . . . . $5.00
Explains the "headache switch," one of the mental mechanisms of man's personality which involves displacement of anger onto other men and impairs one's efficiency. (IFB) a
GUIDANCE, PERSONAL; MENTAL HEALTH

Angiosperms: The Flowering Plants.
20 min, B&W, 1962 . . . . $5.00
20 min, Color, 1962 . . . . $10.00
This film presents a wide variety of angiosperms including tobacco plants, wheat, tulips, willow, iris, petunias, banana trees, tomato plants, pomegranate, fruit, cottonwood, pea plants, cucumber, corn, walnuts, and many others. The film also depicts the complete fertilization process from pollination through development of the embryo. Animation and time-lapse photography show cottonwood seed dispersal and the development of the pea plant from germination to adulthood. (EBF) sh, c
BOTANY; FLOWERS

Angles and Their Measurement.
11 min, B&W, 1963 . . . . $3.50
Live photography and animated diagrams show how angles are drawn, measured, named and identified. The film illustrates basic terms and the relationship between central angles and intercepted arcs. The importance of a knowledge of angles to further study of mathematics is emphasized throughout the film. (Coronet) jh, sh
GEOMETRY; MATHEMATICS

Angotee.
31 min, Color, 1952 . . . . $13.00
Tells the story of Angotee, an Eskimo boy. Shows his birth, some highlights of his boyhood (including his first long trip), his clothing, his position in the family, and his boyhood games. Depicts Angotee learning the hunting skills from his father and entering manhood when he shoots his first seal. Concludes with Angotee marrying and finally leaving the parental igloo to set up an independent home. (NFBC; IFB) jh, sh
ANTHROPOLOGY; ESKIMOS

Angry Boy.
33 min, B&W, 1951 . . . . $6.50
Through psychiatric treatment, the emotional disturbance of a boy who is caught stealing in school is traced to its basic causes. At the end of the film he is on the way to recovery and the audience has seen how unconscious motivation affects the behavior of both children and adults. Angry Boy is the story of a troubled child who is helped by the love, understanding, and respect that parents and teachers can provide in everyday situations. (IFB) c, a
CHILD STUDY

Angry Negro.
30 min, B&W, 1968 . . . . $6.50
In this film the leaders of debate within the Negro community express varied opinions as to the way the Negro should go in his search for equality. Interviews are presented with: Elijah Muhammad of the Black Muslims; Daniel Watts, editor of Liberator magazine; Jimmy Garrett from the Congress of Racial Equality; Fannie Lou Hamer, one of the founders of the Mississippi Freedom Democratic Party; Julian Bond of the Student Non-Violent Coordinating Committee; John Lewis, co-founder of SNCC; Andrew Young of the Southern Christian Leadership Conference; Bill Epton, candidate from the Progressive Labor Party. "Freedom now!" is the one ideal on which both moderate and radical Negroes are agreed. (NET; Indiana) sh, c, a
BLACK AMERICANS

Animal Behavior: Fall.
11 min, Color, 1973 . . . . $7.00
Shows various ways in which animals prepare for the cold weather: the toad and woodchuck hibernate, the insects leave their eggs to hatch or build cocoons. (Berlet; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Animal Behavior: Spring.
11 min, Color, 1973 . . . . $7.00
The Canada geese and other birds return from the south. The frogs and moths find mates and lay eggs. (Berlet; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Animal Behavior: Winter.
11 min, Color, 1973 . . . . $7.00
Many animals seek ways to escape the heat: the bear and elk cool themselves in a stream, the lion looks for a cool cave, deer move to higher ground to avoid insect pests. (Berlet; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Animal Behavior: Winter.
11 min, Color, 1973 . . . . $7.00
The bear and chipmunk go to sleep, and the woodchuck hibernates. The red squirrel and the fox search in the snow for food. (Berlet; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Animal Homes.
11 min, B&W, 1954 . . . . $3.50
This film shows where animals live–in trees, in the ground and in water. Not only are settings and exterior scenes of different homes shown, but views are provided inside such homes as those of the trap-door spider, squirrel, raccoon, skunk, woodchuck and woodmouse. (EBF) el
ANIMALS–HABITATIONS

Animal Reproduction.
17 min, Color, 1967 . . . . $8.00
Through an introduction to the reproductive processes of insects, fish, birds, amphibians, reptiles, and mammals, the student is made aware of his own origins. The methods of courtship, fertilization and gestation occurring in the various groups of animals are detailed and explained. The basic relationship existing between man and the lower orders of the animal world are explained. (Journal Films) el
BIOLOGY; SEX EDUCATION; ZOOLOGY

Animal Secrets: Aggression or Love?
24 min, Color, 1968 . . . . $10.00
What causes animals, including man, to turn to their fellows in violence? The role of aggression in the preservation of the species. The role of ritual as a substitute for aggression. Is man the only animal that will kill its own kind? The evolution of inhibition; the "mating dance." What motivates aggression? News from the frontiers of research in American laboratories seeking answers to the question of instinct versus learning. Can aggression be controlled? Does punishment produce aggression? What is its relation to frustration? What does Pavlov's discovery teach us about gang fights, guerilla skirmishes and global war? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; PSYCHOLOGY

Animal Secrets: Beginnings.
24 min, Color, 1968 . . . . $10.00
How did life begin? Did tremendous bolts of lightning flashing for millions of years across a bleak and barren primitive planet furnish the energy to set the complex chemistry of life in motion? Were the proteins-without which no living thing exists-forged and formed in the enormous heat of titanic volcanic eruptions? Were those elements which somehow came together to begin the process of life waiting on the wings of infinity–always there? Is life a part of an Immense Design? New discoveries in the laboratories are leading us closer to the secret. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
EVOLUTION; LIFE (BIOLOGY)

Animal Secrets: Biological Clocks.
24 min, Color, 1967 . . . . $10.00
How does an animal know "what time it is"? Experiments to discover whether biological clocks are internal or responses to external forces. Hamsters, kept in constant light or dark maintain 24-hour periods of activity; fiddler crabs, kept in complete darkness at constant temperature change color by day and night as though on the beach, are active in the laboratory in rhythm with the moon and the tides; fruit flies emerge from pupa cases in response to a flash of light. Man's internal bodily processes also have a definite rhythm. Are they controlled by the length of time we are exposed to a light source? Does the color of light have any effect on the setting of biological clocks? The unseen tides of energy in which we are constantly bathed from birth to death. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Born to be Free.
24 min, Color, 1968 . . . . $10.00
How long was it before Man, walking down those endless corridors of time, first on all fours, then on two feet, came to

believe that all men are created equal? Where, in the long millennia that led from fin to reptile foot to furry paw did social behavior and self awareness first begin? A wasp is born into its place in life. So is an ant–but ants are capable of learning. Birds can recognize each other, and develop a pecking order based on individual differences. Monkeys will permit an individual to live outside the group. But only man dreams of forming a "more perfect union"–a society that safeguards liberty. The development of democracy–perhaps the proudest achievement of the only animal born to be free. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
DEMOCRACY; SOCIAL GROUPS

Animal Secrets: Can Human Nature be Changed.
24 min, Color, 1968 . . . . $10.00
Each human being perceives the world in a way that is different from every other. But why? Why does all behavior depend on the structure of the brain? How does the brain change during learning? Why does experience seem to increase the rate of differentiation of cortical function? What is memory? Can chemicals influence the length of memory? The speed of learning? What happens in a brain when a decision must be made? Can the unused portions of a man's brain be put to use? If the two halves of a brain are severed, does each contain two separate personalities? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
NERVOUS SYSTEM; PSYCHOLOGY

Animal Secrets: Care of the Young.
24 min, Color, 1967 . . . . $10.00
Care of the young; essential if a species is to avoid extinction. Sometimes nature provides for huge numbers of young so that some will survive; the fewer the offspring the greater the care. Mammals–new life develops within the mother's body; birds –care of the egg, the embryo–first day to hatching; imprinting. Protection of the young, birds, deer, foxes, bison, bear; instinctive and learned behavior; the prairie dog, an organized community with rules of behavior. Animal parents and human. (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Critical Time.
24 min, Color, 1968 . . . . $10.00
The importance of brief critical periods in permanently directing the pattern of future development. What do investigations with animals tell us about how enriched or deprived environments affect the potential of the brain? The ability to learn? Is there a direct relationship between nutrition and intelligence? Between stress in early life and the ability to adapt later on? Can the experience of the mother affect the personality of the unborn child? Do the effects of early experience, both prenatal and postnatal, become so deeply rooted in the biological structure that they usually persist throughout life? How does one critical time affect another? Might increased understanding of the critical times in the first few moments and first few years of life bring a greater awareness of the yet unreleased vitality of all mankind? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Ecology.
24 min, Color, 1967 . . . . $10.00
What makes our planet a place for living things? The sun, warmth and energy; air rich in oxygen; water, minerals in the earth; the great balance of nature. Man's ability to survive in any environment; the great migrations, the development of agriculture, the discovering of fire. The population explosion; what legacy will we bequeath to future generations? (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ECOLOGY

Animal Secrets: Evolution of Good and Evil.
24 min, Color, 1968 . . . . $10.00
What is the difference between a bird who can make use of a tool, and man who can manipulate fundamental sources of energy? In the family loyalties of the social species we can see the first signs of ethical behavior and the potential of humanity. But instinctive behavior has its limits. The mind of a bird cannot modify an instinct gone awry. A colony of monkeys, however, is capable of invention. A monkey can learn to wash its potatoes and its grain, and teach its young to do the same–pass its learning on to future generations and establish a pseudo-cultural tradition. But man is aware of man and capable of insight instead of instinct. Man can pass along a tradition of integrity. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Hostile Environment.
24 min, Color, 1968 . . . . $10.00
What are we learning by studying earthly animals that can help man adapt to changes in his environment, physical and social, and to guard him against the hazards of space? Can we learn anything from the way a giraffe pumps blood up that long neck to nourish his brain? Why do rats, put in a tank to swim for their lives, swim much longer when given a little help? Because they have hope. Can man learn to endure the confinement of space flights which may last for years? Can we foretell and protect ourselves against weightlessness by studying the effect on plants and frog embryos? Can we find ways to relax tensions by studying monkeys who develop ulcers when forced to make decisions? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (BIOLOGY)

Animal Secrets: How the Mind Works.
24 min, Color, 1968 . . . . $10.00
The mind of man may grow from the day of his conception until the day he dies–but how? The brain provides merely the possibility of being a man, particularly the possibility for acquiring language, the tool for thinking. But how is the precise and intricate circuitry established? Are men and animals born with built-in wiring patterns for stimulus and response–or are conscious mental, psychic forces the crowning achievement of some five hundred million years or more of evolution? Is the network of nerves mapped in our genetic code–or does the code hold merely the print of a future potential? How does the cortex organize and reorganize itself? It is the mind of man that makes the mind of man! (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
NERVOUS SYSTEM

Animal Secrets: Importance of Mother.
24 min, Color, 1968 . . . . $10.00
The social bond is the means of survival for many species. The all important foundation on which a monkey's social relationships seem to be based is its first social relation, with its mother. What is "maternal instinct"? How does the mother have an unremitting influence on the child's developing personality, determining the balance between gratifying and stressful experience? How does the success or failure of the first social relationship affect the potential of all future relationships? What happens if an infant monkey is removed from its mother at birth and does not have this first lesson in forming social relations? Care-eliciting behavior, the development of play and curiosity, the development of sexual relationships and love. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
PARENT AND CHILD

Animal Secrets: Levels of Learning.
24 min, Color, 1967 . . . . $10.00
How are animals able to learn–to develop new adaptations in the light of past experience–to achieve an enduring change in their behavior? Nature has endowed all living creatures with vast libraries of information that are passed down from generation to generation–instinctive behavior which cannot be changed. Learning; trial and error, the beginnings of reasoning, grasping the principle that solves the problem. From insects to birds to mammals to primates; as the nervous system and the brain develop, behavior becomes more varied. Using the knowledge of how animals' minds work to seek to penetrate the secrets of our human minds. (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Life on Other Planets.
24 min, Color, 1967 . . . . $10.00
"Not since Darwin–and before him Copernicus–has science had the opportunity for so great an impact on man." The biochemical understanding of the mechanism of life. The evolution of life on earth; all cells have the same general composition; the search for the origins of life. In how many different ways can life evolve? Are nucleic acids the only substances that can function in any heredity? Are proteins the only way of building up cell structures? How is life manifest on other globes in the solar system? What stages has it reached? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, hs
EVOLUTION; LIFE (BIOLOGY)

Animal Secrets: Messages.
24 min, Color, 1967 . . . . $10.00
The signs and signals of animal communication; a flash of color, a vibration, an odor, a touch, a gesture, a facial expression, a vocal call–to the language of man. The dance of the bees, chemical sprays of the scorpion and the beetle, courtship rituals of birds. Does a dog laugh? Why does a gorilla object to being stared at? Did language itself partly evolve from ancient reflex actions which gradually became a means of communication?

(Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; COMMUNICATION

Animal Secrets: Mind and Hand.
24 min, Color, 196 . . . . $10.00
Through how many dimensions has life had to pass before a creature with a mind appeared? Even a one-celled animal must be sensitive to the world around it. An animal with more cells is capable of more complicated response to its environment. Perhaps the simplest true nervous system belongs to the hydra and other coelenterates. But a hydra must use its entire body to respond to every signal. The invertebrates; a ganglionic system of stimulus-response behavior. The vertebrates–a central nervous system–a control center for all sensations and responses, the beginnings of a brain. The evolution of the hand; from fin to scaly reptile foot to furry paw to human hand. Man the tool-maker, an animal with a brain that can reason and remember, and a sensitive hand that could hold and manipulate, arrives on the scene. (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
EVOLUTION; LIFE (BIOLOGY)

Animal Secrets: Mind of Man.
24 min, Color, 1967 . . . . $10.00
For the first time in four billion years a living creature contemplated himself; Man, an animal who could think and reason and imagine, capable of using symbols to communicate ideas had arrived upon the scene. Man's ideas have evolved and changed the world around him, but the human animal at birth is the most helpless of all. When the human baby is born only 20% of its brain has been completed. Man's helpless yet well cared for childhood allows a larger time for brain growth, but experiences are essential to a growing brain. Is there a "right" time for learning? A child is not born with a ready-made intelligence, only with an intellectual potential. Our early years are perhaps the most important time of our lives. How shall we find ways to realize the full potential and the dignity of every human being? (Award winning series.) (Graphic Curriculum, Inc.) el, jh, sh
CHILD STUDY

Animal Secrets: Movements and Migrations.
24 min, Color, 1967 . . . . $10.00
Movement–the great sign of life. All life moves–sometimes rapidly, sometimes imperceptibly, sometimes only a short distance in the course of a lifetime, sometimes on a journey of thousands of miles, sometimes by slowly changing its shape and flowing into a new form–sometimes by using filaments and fibers to propel it–sometimes with fins or limbs and sometimes with wings, sometimes for food, for fresh air, to escape an enemy or to find a place to raise its young–sometimes in great herds and sometimes alone. How do turtles cross an ocean without maps or compasses to guide them? How do ants follow a scent? How does a bat navigate in the darkness of a cave? How do salmon find their way for thousands of miles back to the stream in which they were spawned? What clock tells them it is time to take a journey? (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR

Animal Secrets: Out of the Cradle.
24 min, Color, 1967 . . . . $10.00
The abundance and variety of life the sea contains; the first beginnings of life; the principal regions of the sea–the surface waters, the shallows near the shore, the open seas below the surface. The life cycle; birth growth, reproduction, aging and death; the food chain. Secrets of the sea; which special substances and special skills might man adapt to his own uses? How do fish learn to swim in schools? Sharks follow a trail of scent? What is on the ocean floor, unlit by the sun since the world began? Will man be able to farm, and live in the sea? (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
MARINE BIOLOGY; OCEANS

Animal Secrets: Primates.
24 min, Color, 1967 . . . . $10.00
Hints of the long road our species has traveled; anatomical changes; the dim beginnings of sociality and speech. Primate vision, three dimensional; greater reliance on sight above smell; the ability to grasp; a diurnal animal; small compact social groups; the development of a more complex brain; a semi-erect posture. From tree shrews and lemurs to monkeys, apes and baboons; insights into the lives of our fellow primates. Can they profit from their experiences? Master their environment to solve their problems of finding food and shelter? (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
EVOLUTION

Animal Secrets: Rhythms of the Universe.
24 min, Color, 1967 . . . . $10.00
Period timing cycles in nature: Rhythms in rates of growth, activity, rates of using energy, heartbeat, respiration, luminescence; what is it that sets each animal's rhythm? How does a living plant keep time? How do the leaves on trees know that winter will be coming? Where is the calendar or clock that tells the animals how soon the season will be changing? The rhythms of animals on the beach, rates of metabolism and the rhythms of the moon. Do living things perceive changes in the magnetic fields around them? Are the mysterious timers that time the clocks of life, responses to still unknown forces in our environment–or are we all born with an internal timer? How is all life on earth locked into the rhythms of the universe? (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ANIMALS

Animal Secrets: Search to Survive.
min, Color, 1967 . . . . $10.00
All living things must be adapted for the surroundings in which they live; lungs, gills, teeth, eyes, ears. Man has a special group of gifts which he alone possesses; erect posture, free moving arms and hands, sharp focusing eyes, a brain capable of fine perception, the power of speech, which allow him to improve on the adaptations nature has given him. How man is attempting to find ways to adapt to the environment of outer space. The biosatellites; biology laboratories in space. (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (BIOLOGY)

Animal Secrets: To Live on the Land.
24 min, Color, 1967 . . . . $10.00
The wet edge, the great dividing line between the life of the sea and that of the land. Adapting to the stresses of the land; the lungfish, estivation (summer sleep); discarded shells for shelter, the hermit crab; the mud skipper, flipper-like limbs; the salt water frog, adapting to two different environments. Moving to dry land; lungs in place of gills; a kidney to process fluids and wastes, internal fertilization, temperature control–fur, fat, migration, hibernation. Can man adapt to space by putting the precious fire of consciousness to sleep and reawakening it at will? The quest for basic secrets of life. (Award winning series) (Graphic Curriculum, Inc.) el, jh, sh
ADAPTATION (ANIMALS); EVOLUTION

Animal Secrets: Travelers on the Wing.
24 min, Color, 1967 . . . . $10.00
Pathways that crisscross the globe; the Atlantic flyway, the Central flyway, the Pacific flyway; journeys of 8,000 miles successfully accomplished by birds who have never seen their destination. Why do birds migrate? How do they know when to migrate? How do they know where to go? How do they find their way? Theories to explain bird migration; the earth as a magnetic field, the corialus effect, solar navigation, a star map as an inheritance? Do birds follow the wind? Can man learn their secrets for his travels through space? (Award winning series) (Graphic Curriculum, Inc.) el, jh, hs
BIRDS

Animals and How They Communicate.
11 min, B&W, 1966 . . . . $3.50
By sight, sound and movement, animals communicate fear, presence, interest, alarm, and many other aspects of behavior. Wide examples ranging from courtship displays among birds to the social life of prairie dogs and the intricate actions of bees and ants illustrate the role of communication in animal life and survival. (Coronet) el
ANIMALS–HABITS AND BEHAVIOR; COMMUNICATION; ZOOLOGY

Animals Hatched from Eggs.
11 min, Color, 1970 . . . . $7.00
Introduces children to the idea of reproduction among birds, reptiles, amphibians, fish, insects, and certain mammals. (Coronet) el
REPRODUCTION, ANIMALS

Animals in Spring.
11 min, Color, 1955 . . . . $7.00
A delightful spring excursion into the environs of bluebirds, ducks, insects, frogs, turtles, foxes, skunks, woodchucks, and other birds and animals. (EBF) el
ANIMALS

Animals in Summer.
11 min, Color, 1954 . . . . $7.00
The animal photographer, Lynwood Chace, turns his lens upon a dozen or more common animals of the woods during the summer months. From the fish and frogs to insects and meat eaters, we see animals seeking food and sheltering their young from their enemies. (EBF) el, jh, sh
ANIMALS; SEASONS

Animals of Africa.
14 min, Color, 1967 . . . . $8.00
Africa's vanishing wildlife as seen in its natural habitat, and the work being done by conservationists to preserve the remaining animals from extinction. (ABC; McGraw-Hill) el, jh, sh, c, a
ANIMALS–HABITATIONS; AFRICA; WILD LIFE–CONSERVATION

Animals of the Indian Jungle.
11 min, Color, 1959 . . . . $7.00
Explores the dense tropical rain forest of Eastern India, showing vivid closeups of representative animals in their native environment. Shows the pattern of survival in the jungle–the ways of the hunters and the defenses of the hunted. Includes sequences on the tiger, python, cobra, mongoose, monkey, and elephant. (EBF) el, jh, sh
ANIMALS; ANIMALS–HABITATIONS; INDIA

Animals Prepare for Winter.
18 min, Color, 1972 . . . . $10.00
This film demonstrates the physical and environmental changes of both warm-blooded and cold-blooded animals as they prepare for the cold winter months. (International Council for Instructional Media; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Animation–A Living Art Form.
10 min, Color, 1971 . . . . $7.00
An in-depth look at the art of animation production for motion pictures. From script to storyboard–animation–sound–camera–editing–composite print. Based on the 1971 animated feature release, "Shinbone Alley," starring the voices of Carol Channing, Eddie Bracken and John Carradine. (AIMS) jh, sh, c, a
MOTION PICTURES

Annapolis.
25 min, B&W, 1946 . . . . $5.00
Depicts Naval cadets' daily life, customs and traditions while in training to become officers at Annapolis. (RKO) jh, sh
U. S. NAVY

Ant and the Grasshopper (An Aesop Fable)
11 min, B&W, 1967 . . . . $3.50
This animated fable points out the familiar moral that we can't play all the time but must work and save for a time of need. While all the ants labor industriously to provide for the coming winter, the grasshopper rests in the summer sun. But when winter comes, the grasshopper finds it difficult to live and it is the ant's turn to sing and play. (Coronet) el
ANIMALS–STORIES; STORIES

Antoni Gaudi.
22 min, Color, 1973 . . . . $10.00
Interspersed with comments on the major events in Gaudi's career are the scenes of the houses, churches, buildings, and gardens he designed. Many of his concepts are related to "art nouveau" or "modernismo" were avant-garde during the first part of the 20th century and are still so today. (IFB) sh, c, a
ARCHITECTURE

Ants.
11 min, B&W, 1949 . . . . $3.50
This dramatic film vividly reveals various activities of four different types of ants–mound builders, black ants, household ants, and carpenter ants. The life cycle of the carpenter ant is shown in detail; this includes such activities as a queen laying eggs, workers caring for pupae, a female pupa emerging from her cocoon, and preparation for the mating flight–all depicted by close-up photography. Another particularly dramatic episode portrays a battle between colonies of mound builders and wood ants. (EBF) el, jh, sh, c
ZOOLOGY; INSECTS AND SPIDERS

Appalachia: Rich Land, Poor People.
59 min, B&W, 1969 . . . . $10.00
The land is rich with coal, yet its residents are denied adequate food, housing, or medical care. This, the Appalachian region, was the nation's first designated poverty area. This film focuses upon Eastern Kentucky where mechanization of the mines is replacing people and jobs. A lack of education and other working skills makes these residents prisoners of the land, as seen by a discerning interview with a local family. Also contributing to the problem are the hostile reactions of mine owners and other members of local society towards outsiders trying to help. (NET; Indiana) sh, c, a
POVERTY

Approach to Work Simplification for Handicapped Homemakers.
18 min, Color, 1960 . . . . $3.50
This film presents the following organized procedure for finding ways to simplify homemaking tasks: (1) By analyzing the task to be done, (2) By eliminating unnecessary steps; (3) By combining operations, and (4) By questioning the possibility of making changes in either method, equipment, order of work or finished product. (UConn) c, a
HOME ECONOMICS; MENTAL HEALTH

Aptitudes and Occupations.
16 min, B&W, 1965 . . . . $4.00
A group of students and their counselor examine scholastic achievement, aptitude, and interest tests–the basic types used to guide students toward the selection of a satisfying occupation. The basic groups of aptitudes and interests are fully illustrated in scenes detailing a variety of occupational categories. Individual counseling and consideration of scholastic record and extra-curricular activities are stressed as necessary adjuncts of testing. (Coronet) jh, sh
OCCUPATIONS

Aragon Y Navarra.
16 min, Color, 1969 . . . . $8.00
Presents various views of Zarogoza and Pamplona, such as the ancient monastery of San Juan de la Penand the Parque Nacional del Valle de Ordesa. (IFB) jh, sh, c
ARCHAEOLOGY

Archeologist and How He Works.
19 min, Color, 1965 . . . . $10.00
Outlines the steps an archeologist takes, and what he must learn, in order to gain an understanding of man's past. (Braidwood; IFB) sh, c
ARCHAEOLOGY

Archery Fundamentals.
11 min, B&W, 1961 . . . . $3.50
Provides the basic knowledge about shooting equipment, how to choose and use it, and stresses safety measures. Demonstrations by both men and women show the step-by-step procedures in preparing to shoot, sighting the target, and releasing the arrow. (Bailey Films; BFA) sh, c, a
SPORTS

Argentina.
16 min, B&W, 1962 . . . . $4.00
At a large family dinner in Buenos Aires we meet the Carreras. Following their conversation, we are taken to the various important regions of Argentina. We see the great pampas, the rugged, scenic, Andean foothills; the wheat country; Cordoba, the nation's automobile center; the lonely sheep ranches of Patagonia. Finally we return to the cosmopolitan capital itself, the city of Buenos Aires. (McGraw-Hill) el, sh, c
ARGENTINA

Around A Big Lake.
17 min, Color, 1962 . . . . $8.00
Shows the effects of weather through the seasons on the environmental conditions in and around a typical large lake. (IFB) sh, c
ECOLOGY

Arrivee en France.
11 min, Color, 1970 . . . . $7.00
Presents Penny White from the United States as she arrives at Orly Airport and is met by Michele Bonnier. (IFB) jh, sh, c
FRENCH LANGUAGE

Art and Life.
9 min, Color, 1971 . . . . $6.00
Shows how the French government arouses public interest in art through cultural centers built to give recognition to unknown artists. (EBEC) jh, sh
ART; FRANCE

Art and Motion.
14 min, Color, 1952 . . . . $8.00
Demonstrates the relationships between movement in nature, in space-time concepts, and in abstract art forms. Opens with a sequence of movement in nature. The second sequence introduces the space and time concepts of movement. The third sequence uses a fireworks display showing the burst and dispersal and tracer patterns. The design is stressed and translated to mobiles by Usher and Calder. The fourth sequence utilizes clips from the "Color Fragments" by Elwood Decker to relate movement to a Van Gogh landscape "Starry Night." (Paul Burnford; EBF) jh, sh, c, a
ART

Art in the Western World (National Gallery of Art, Washington, D. C.).
30 min, Color, 1958 . . . . $13.00

Traces painting and other art forms from the Byzantine style to modern works of Impressionism, relating these art forms to other cultural developments. (EBEC) jh, sh, c
ART

Art of Carving.
11 min, Color, 1969 . . . . $5.00
Martha Logan, well known home economist, demonstrates the proper carving techniques for such meats as steaks, ham, standing rib roast, lamb, turkey, and chicken. (Journal Films) sh, c, a
FOOD; HOME ECONOMICS

Art of Communication Series: Microphone Speaking.
14 min, Color, 1969 . . . . $7.00
The microphone can be a help or a hindrance, depending upon how the speaker uses it. This film entertainingly teaches the proper use of microphones in public address systems and radio. (Centron) jh, sh, c, a
COMMUNICATION

Art of the Sixties.
30 min, Color, 1967 . . . . $13.00
Documents the major direction in modern American art during the first seven years of the 1960's. (WCBS-TV; BFA) jh, sh, c, a
ART; ART, MODERN

Arterial Blood Pressure Regulations.
19 min, Color, 1970 . . . . $10.00
Illustrates experiments performed on the decerebrate rabbit and serves both as a guide to the general principles of arterial blood pressure regulations and as an aid to practical work. (John Wiley & Sons) c, a
BIOLOGY–LABORATORY TECHNIQUES

Artists at Work: Jacques Lipchitz–Master Sculptor.
12 min, Color, 1968 . . . . $7.00
Highlights landmarks in life and art of sculptor Jacques Lipchitz. Pictures him at work in his studio and discusses with him his philosophy concerning himself and his work. (EBEC) jh, sh, c, a
ART, MODERN

Arts and Crafts of Mexico, Part I (Revised Edition).
14 min, Color, 1961 . . . . $8.00
Shows native craftsmen making pottery and weaving. (EBEC) jh, sh
ARTS AND CRAFTS; MEXICO

Arts and Crafts of Mexico, Part II (Revised Edition).
11 min, Color, 1961 . . . . $7.00
Shows native craftsmen spinning wool, making baskets and blowing glass. (EBEC) jh, sh
ARTS AND CRAFTS; MEXICO

Asi Viven Los Huerfanos.
10 min, Color, 1962 . . . . $7.00
Uses everyday Spanish vocabulary to describe the life of a group of orphaned boys who live near Mexico City. (IFB) jh, sh
SPANISH LANGUAGE

Asia: A Continental Overview.
16 min, Color, 1964 . . . . $8.00
This geographic and historic overview treats principal regions of Asia and examines each in terms of natural resources and human use. The film gives a picture of the wide range of living conditions on this largest and most populous of the continents and emphasizes the many changes taking place in centuries-old patterns of life. (Coronet) el, jh, sh
ASIA

Astronomer.
16 min, Color, 1960 . . . . $8.00
Introduces the variety of work done by an astronomer and briefly surveys the instruments and techniques he employs. (IFB) jh, sh
ASTRONOMY

Atmospheric Pressure (With the Magdeburg Experiment).
11 min, B&W, 1955 . . . . $3.50
Re-enacts historic developments in the scientific study of the mechanics of the earth's atmosphere. Classic experiments come to life from the descriptions in original manuscripts. (EBF) jh, sh
ATMOSPHERE

Atomic Structure and the Periodic Table.
11 min, Color, 1970 . . . . $7.00
Illustrates a method of using the periodic system to determine the electronic structure of atoms by using a blackboard-size periodic table from which individual elements can be removed or placed at will. (EBEC) sh, c
CHEMISTRY

Attic of the Wind.
6 min, Color, 1974 . . . . $6.00
What happens to all the laundry that comes unpinned? Where is your kite that snapped its string, the balloons that floated away, the bubbles blown on a sunny day? They are not really lost at all, but stored and waiting, along with the rest of the world's lost treasures, in the Attic of the Wind. This is a lyrical film which speaks to the deep need of children everywhere to hold on to small beloved things. (Weston Woods) el, jh
CHILDREN'S FILMS; STORIES

Au Revoir Village.
19 min, Color, 1968 . . . . $10.00
Marc ends his summer vacation at his grandparents' home in a small Normandy village and returns to Paris by bus and train. (IFB) jh, sh, c
FRENCH LANGUAGE

Audio-Visual Supervisor.
19 min, Color, 1959 . . . . $10.00
Surveys the duties and responsibilities of a school audio-visual supervisor in the development of a program in relation to the school's curriculum. (Visual Education Films; IFB) c, a
AUDIOVISUAL COMMUNICATIONS

Aujourd'hui Nous Visitons Paris.
20 min, Color, 1963 . . . . $10.00
Presents a tour of Paris, indicating points of interest and picturing Parisians as they go about their everyday tasks. (IFB) jh, sh, c
FRENCH LANGUAGE

Australia: The Timeless Land.
53 min, Color, 1969 . . . . $19.00
In the same land where the most sophisticated space-tracking station stands, an aboriginal culture remains untouched by time. This is Australia, the most challenging and fascinating frontier existing today. Here men attempt to create a civilization in a land nature has neglected. Among them are the rancher and the sheepherder, the "flying doctor" who can reach his patients only by plane, the prospector and the miner, the city-dweller, and the primitive Aborigine...all living side by side. (NGS) jh, sh, c
AUSTRALIA

Autism's Lonely Children.
20 min, B&W, 1965 . . . . $5.00
Explains the work of Dr. Frank Hewett of UCLA as he attempts to teach individual autistic children to talk and identify objects for the first time. Shows work with a child and then pictures Dr. Hewett as he attempts to transfer to the child's parents techniques used successfully to evoke responses. Discusses the possible effectiveness of the approach with other autistic children. (NET; Indiana) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Automation: What it is and What it Does.
14 min, B&W, 1965 . . . . $4.00
This film explores the meaning and levels of automation from an electric can opener to transfer machines in an assembly line to the more sophisticated feedback of a computer-controlled petroleum refinery. The student is encouraged to explore the implications of increasing automation for his future. (Coronet) jh, sh
AUTOMATION

Automne est Une Adventure (French Narration).
11 min, B&W, 1960 . . . . $3.50
The delightful activities of autumn–leaf raking, a marshmallow roast, and hike through the woods–are shown and narrated in simple French. Many words are repeated, and the narrator invites the class to say the words with him. A charming little poem in French will encourage pupils to try their own abilities along these lines. (Coronet) el, jh, sh, c, a
SEASONS; FRENCH LANGUAGE

Autumn Comes to the City.
11 min, Color, 1970 . . . . $7.00
Presents without narration the sights, sounds, colors and activities of autumn including Halloween and Thanksgiving. (Coronet) el
CHILDREN'S FILMS

Autumn on the Farm.
11 min, Color, 1948 . . . . $7.00
In this color film, two farm children observe the changes that take place in plant and animal life during autumn. Joan and

Jerry become interested in such fall activities as apple and corn harvesting, grape picking, nut gathering, the hibernation of animals and the migration of wild ducks. This is one of four films on the seasons. (EBF) el
FARM LIFE; SEASONS

Autumn Story: Mrs. Pennypacker's Package.
11 min, Color, 1967 . . . . $7.00
Shows how loss of a package initiates a search which eventually involves many community helpers in a large modern city. Illustrates the hustle and bustle of the city and shows the changes that autumn brings to it. (EBEC) el
CHILDREN'S FILMS

Away With Weeds.
18 min, Color, 1960 . . . . $3.50
This film dramatically portrays the benefits of weed control in the growing of corn, and shows how the pre-emergence herbicide method, using Triazine chemicals is the safe and effective answer to this tremendous farm problem. (Geigy Chemical) c, a
FARM PRODUCE; AGRICULTURE

Azania (Kenya).
11 min, Color, 1968 . . . . $7.00
The region of East Africa called Azania by Herodotus and Kenya by the world today is presented in picture, word, and music. (McCoy; IFB) jh, sh
AFRICA; ANTHROPOLOGY

Aztecs.
10 min, Color, 1955 . . . . $7.00
Reconstructing some of the most significant characteristics of pre-Aztec and Aztec civilization, the film explores notable ruins, carvings, and murals which depict this culture. Religion is found to have played an important role in the lives of the Aztec people, and the re-enactment at Teotihuacan of a religious ceremony, as it might have been performed in 1500, contributes further to an understanding of the Aztec civilization. (Coronet) el, jh, sh, c
INDIANS OF NORTH AMERICA; RELIGION; MEXICO

B

Baboon Behavior.
31 min, Color, 1962 . . . . $13.00
Intended as an introduction to baboon ecology and social behavior, this film is designed for classes in both the biological and social sciences. (UCalif-Berk) c
ANIMALS–HABITS AND BEHAVIOR; ANTHROPOLOGY

Baby Animals.
10 min, B&W, 1948 . . . . $3.50
An Elementary Science film dealing with animals and their young. Introduces and explains such concepts as degree and nature of parental care, resemblance to parents, general growth pattern, variation in ability to care for selves, and the fact that some baby animals are hatched from eggs and others born from the body of the mother. (McGraw-Hill) el
ANIMALS–HABITS AND BEHAVIOR

Bach is Beautiful.
15 min, Color, 1971 . . . . $8.00
Presents Bach, the warm-hearted German burgher that he was–dedicated to home, family, music and religion. Uses live action and animation to present an elementary study of the Fugue. (AIMS) jh, sh, c, a
COMPOSERS; MUSIC

Background of the Theatre: The Flat.
15 min, B&W, 1965 . . . . $4.00
Briefly reviews the history of the flat. Shows the step by step procedure for its construction. Emphasizes precautions to take in order to insure a sturdy support. (Los Angeles Tech Theatre Assoc.) jh, sh, c, a
DRAMA–TECHNIQUE

Bacteria.
19 min, B&W, 1962 . . . . $5.00
19 min, Color, 1962 . . . . $10.00
Unusual photomicrography reveals the anatomy of bacteria and shows the processes of conjugation and cell division. The film shows the differences between photosynthetic and chemosynthetic bacteria, between autotrophic and heterotrophic bacteria, and between aerobes and anerobes; demonstrates that bacteria feed by enzyme activity; and explains how bacteria are used in the study of heredity. (EBF) sh, c
MICROBIOLOGY; REPRODUCTION; BACTERIOLOGY

Bacteria – Friend and Foe.
11 min, Color, 1954 . . . . $7.00
Shows the importance of bacteria in our everyday life. Animated drawings and live action scenes show bacterial growth and reproduction, and ways in which bacteria may be grouped for systematic study. Contributions of Leeuwenhoek, Pasteur, and Koch are related to techniques of modern bacteriology. (EBF) jh, sh, c
BACTERIOLOGY; MICROBIOLOGY

Bad Strangers.
6 min, Color, 1964 . . . . $6.00
A mother talks to her two children about strangers; explaining in a gentle, unconstrained manner what they should do to avoid the few people who might hurt them and how they can help the police to catch these people. Animated drawings show the two children in situations where they must make decisions affecting their safety. Intended for very young children, the film is short and repeats important points at its conclusion. (Guidance Films) el
GUIDANCE, PERSONAL

Badminton Fundamentals (Aims).
12 min, Color, 1970 . . . . $7.00
Shows court design and dimensions for singles and doubles, and describes equipment used. Illustrates the basic skills including: grips, footwork, service, forehand and backhand strokes. Utilizes normal speed and slow motion to permit analysis, and close-ups to illustrate details of performance. (AIMS) jh, sh, c, a
PHYSICAL EDUCATION

Badminton Fundamentals (Coronet).
11 min, B&W, 1950 . . . . $3.50
Fundamental skills and rules of badminton are demonstrated in this film by both experts and novices. Slow-motion sequences and animation clarify techniques of the game. Scenes of professional play provide motivation for further study. (Coronet) jh, sh, c, a
GAMES; SPORTS

Balance Your Diet for Health and Appearance.
11 min, Color, 1965 . . . . $7.00
Jane, Bill, and Fred analyze their own eating habits. Bill is a breakfast-misser; Jane's weakness is greasy foods; and Fred eats more than his share of carbohydrates. As they learn more about diet, they recognize the importance of a balanced diet to weight, skin condition and personality. The seven basic food groups are presented and illustrated. (Coronet) jh, sh
FOOD; CONSUMER EDUCATION

Ball That Wanted to Play.
10 min, Color, 1971 . . . . $7.00
This live-action film for pre-school and primary audiences tells the story of a big orange ball in search of a playmate. (IFB) el
CHILDREN'S FILMS

Ballet with Edward Villella.
27 min, Color, 1970 . . . . $13.00
Edward Villella shows the arduous discipline needed at practice sessions of his art. His fresh, knowledgeable approach injects a new vitality into the subject of ballet as he communicates the joy and excitement of beautiful movement. (LCA) jh, sh, c, a
DANCE

Banks and the Poor.
59 min, B&W, 1970 . . . . $10.00
This documentary examines how the banking industry exploits the poor in the areas of consumer credit, personal loans, and the perpetuation of slum housing. While the industry often finances slum landlords, restrictive lending policies force the poor to resort to high interest finance companies. Banks often purchase installment contracts and force payment even if merchandise is defective or not delivered. Congressmen who have bank holdings, or directorships, but who have disregarded House Rule 8 by voting on major banking legislation, are named. Participants in the film include Rep. Wright Patman, David Rockefeller, Bess Myerson Grant, and Schuyler Barrack of the Legal Aid Society in Harlem. (NET; Indiana) sh, c, a
POVERTY; SOCIOLOGY

Barcelona.
18 min, Color, 1969 . . . . $10.00
Presents the City of Barcelona with striking views of both its ancient and modern parts. (IFB) jh, sh, c
SPAIN

Baseball Rookie's Big Chance.
26 min, B&W, 1953 . . . . $6.50
Tells the story of rookie Jim Leman's try for the major leagues

with the Cleveland Indians. Covers the Farm Club, outfitting, training, and instruction sessions as well as some pre-season games. (March of Time; McGraw Hill) sh, c, a
SPORTS

Basic Sewing Skills.
12 min, Color, 1967 . . . . $7.00
Warp, woof, and selvage and their relationship to grain-line are discussed and clearly illustrated on the loom. Stay-stitching, clean stitching, under-stitching, plain seams, darts, gathering, and blind-hemming on the straight stitch sewing machines are demonstrated. (Bailey Films; BFA) jh, sh, c, a
SEWING

Basketball Fundamentals.
14 min, B&W, 1964 . . . . $4.00
Certain fundamental skills are the foundation upon which winning basketball teams are built. In this film the University of Cincinnati basketball team demonstrates the fundamentals of dribbling, passing, shooting, and body handling and defensive play. Normal action and slow motion show how practice and drill on each skill can lead to the development of fine ball players. (Coronet) jh, sh
BASKETBALL; SPORTS; GAMES

Battered Child.
58 min, B&W, 1969 . . . . $10.00
A documentary study of child abuse based on the book, "The Battered Child" by Drs. C. Henry Kempe and Roy E. Helfer. These doctors have created a team consisting of psychiatrists, pediatricians, and social workers to study the causes of physical child abuse and to treat children affected mentally. The team is shown at the University of Colorado Medical Center working with actual cases. It is argued that the mental illness evidenced by parents who abuse children is as real as the consequent suffering of the children and, therefore, these parents may need psychiatric therapy rather than penal action. (NET; Indiana) sh, c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Battle of Britain.
50 min, B&W, 1944 . . . . $3.50
Describes the importance of the British stand during the Battle of Britain, and covers the whole strategy of that period of the war. The picture story of the Luftwaffe's terrible assault on Britain. Day and night bombings, aerial dog fights, and the great fire blitz on London are only a few of the thrilling highlights. (OWI) jh, sh, c, a
WORLD WAR: 1939-1945; ENGLAND

Battle of East St. Louis.
46 min, B&W, 1969 . . . . $8.00
Dramatic record of an East St. Louis bi-racial civic group's effort to stave off violence in 1969 by bringing Black militants and white policemen together in a three-day sensitivity session. (Award Winner) (CBS; Carousel) jh, sh, c, a
BLACK AMERICANS; SOCIAL CONFLICT; SOCIAL PROBLEMS

Battle of Yorktown.
13 min, B&W, 1958 . . . . $9.50
Describes the events which led up to the decisive battle of the American Revolution of Yorktown, and shows the battle itself in colorful detail. The film shows Washington's skill as a leader and his tact in dealing with America's French allies and indicates the importance of France in contributing to the American victory. (EBF) el, jh
U.S.–HISTORY: REVOLUTION

Bayanihan.
58 min, Color, 1961 . . . . $20.00
The world renowned Bayanihan Philippine Dance Company traces in four sections in this film, the cultural heritage of its nation: primitive tribes of the northern Luzon mountains, the Muslim (Moro) peoples of the south, then a group of dances showing Spanish influence, and concluding with a suite of rural dances which reflect today these historic origins. (Robert Snyder; BeeCross Media, Inc.) el, jh, sh, c, a
DANCE; PHILIPPINE ISLANDS; FOLK LORE

Be Smart, Don't Start (Smoking).
11 min, Color, 1970 . . . . $7.00
Covers cigarette smoking, and the hazards of starting the habit. Presents opposing opinions and claims of cigarette manufacturers, and medical men. (AIMS) el, jh
HEALTH; SMOKING

Beach and Sea Animals.
11 min, Color, 1957 . . . . $7.00
Examines characteristics, habits, and importance of invertebrate animals dwelling on or near the beach. Reveals, by underwater closeup photography the starfish, sea urchin, crab, octopus, lobster, angler fish, snail, sea cucumber, shrimp, scallop, nudibranch, porcupine fish, anemone, and sponge. Portrays interrelationships and methods of self-protection, and illustrates balance in nature. (EBF) jh, sh, c, a
OCEANS; ECOLOGY

Beach – A River of Sand.
20 min, Color, 1966 . . . . $10.00
Discusses an oceanographic wonder, 'Where does sand come from?' 'Where does sand go?' An elementary analysis of currents produced by waves and documented by underwater photography, experiments with beach models, and calculations of accumulation and depletion of sand produced by jetties proves that most of the pronounced net movement of sand is usually along the shore. Thus, the beach is a moving river of sand. It exists between the land on one side and the breaking waves on the other. (American Geological Institute; EBF) el, jh
GEOLOGY; OCEANS

Beach and Tidepool Life.
17 min, Color, 1968 . . . . $8.00
Pictures life which inhabits the ocean's beaches, tide pools, exposed rocks, and open waters. (IFB) jh, sh
BIOLOGY–ECOLOGY

Beautiful River.
26 min, Color, 1969 . . . . $13.00
This is the story of the once beautiful Connecticut River, now a raw sewage ditch by many standards. Connecticut is trying to save the river, but it may be too late. (NBC) jh, sh, c, a
ECOLOGY; POLLUTION

Beauty Knows No Pain.
25 min, Color, 1971 . . . . $10.00
Documents the struggle of coeds who aspire to be members of the Kilgore College Rangerettes, a nationally known group of majorettes. Award winner. (Elliott Erwitt; Benchmark Films) sh, c, a
SPORTS

Beaver.
10 min, Color, 1950 . . . . $7.00
Dramatically highlights activities of the beaver in its natural environment. Illustrates ways in which the beaver's teeth, feet, and tail help him in swimming, eating, felling trees, and repairing a broken dam. Clearly reveals the unique construction of a beaver house, and effectively stresses the importance of the animal as an agent of conservation and a valuable fur bearer. (EBF) el, jh, sh
ZOOLOGY; CONSERVATION; ANIMALS–HABITS AND BEHAVIOR

Beavers At Work.
10 min, Color, 1964 . . . . $7.00
Live-action photography and museum pictures are used to illustrate the life of the beaver. (IFB) el
ANIMALS–HABITS AND BEHAVIOR

Beethoven and His Music.
13 min, B&W, 1954 . . . . $3.50
The music of Beethoven reflects the great social upheavals of the late eighteenth century, the composer's own unusual strength and genius, and a transition from the classical formality of Haydn and Mozart to more romantic expression. The film develops the relationship between Beethoven's environment and his personal responses to it in terms of his music. (Coronet) el, jh, sh, c, a
MUSICIANS; MUSIC

Beginning French: Intonation.
10 min, B&W, 1954 . . . . $3.50
French and English intonation patterns are compared and contrasted through the use of animated charts. The characteristic pattern of French intonation is illustrated in a number of everyday phrases and sentences. The film shows some of the ways to acquire correct French intonation, stressing the importance of practice in listening as well as in speaking. (Coronet) jh, sh
FRENCH LANGUAGE

Beginning of Life.
30 min, Color, 1969 . . . . $13.00
Captures a human embryo's astonishing development from fertilized ovum to birth. Award winner. (Benchmark Films) jh, sh, c, a
REPRODUCTION; SEX EDUCATION

Beginning Responsibility: Taking Care of Things.
10 min, B&W, 1951 . . . . $3.50
As a persuasive means of interesting children in the importance of taking care of their belongings, this film explains how and why children should care for things at school and at home. Importance is placed on having definite places to keep things, putting articles back where they belong, cleaning up after playtime and storing and handling things properly to prevent damage. (Coronet) el
GUIDANCE, PERSONAL

Beginning Responsibility: Using Money Wisely.
11 min, Color, 1967 . . . . $7.00
Tom learns some simple economic facts about money and its sale. (Coronet) el
GUIDANCE, PERSONAL

Beginnings and Growth of Industrial America.
11 min, B&W, 1960 . . . . $3.50
Discussing economic and social change in the period between the Revolutionary and Civil Wars, the film shows the development of American manufacturing from a system of home crafts to an industrialized factory system. Factors which contributed to industrial growth–inventions, investment, and labor–are explained. The film includes many actual, reconstructed, historic scenes, such as Hopewell Village and Slater's Mill. (Coronet) jh, sh
U.S.–INDUSTRIES; U.S.–HISTORY: 1783-1900; ECONOMICS

Beginnings of Conscience.
16 min, B&W, 1959 . . . . $4.00
The social conscience which James Bryce, the adult, manifests is traced back to his socialization as a child. The conscience which he gradually develops in childhood through the experiencing of such social sanctions as force, exclusion and ridicule, later functions almost automatically in adulthood to make him a social being. (McGraw-Hill) sh, c
CHILD STUDY

Beginnings of Exploration.
14 min, B&W, 1967 . . . . $4.00
This film describes the first stages in Europe's expansion–the growth of trade, the rise of a strong merchant class, and the birth of new ideas about man and his world. It explains why the first explorers were anxious to discover a new sea route to India, and how improved ships and navigation instruments helped them accomplish their aims. (EBEC) el, jh
EXPLORERS; HISTORY, UNIVERSAL

Begone Dull Care.
9 min, Color, 1949 . . . . $6.00
By painting directly on film, Norman McLaren and Evelyn Lambart have created this exciting color masterpiece of cinematic expression. Opening with an unusual title page in the eight most used languages with handdrawn sound track, the film quickly moves into a phantasma of visual images interpreting jazz music played by the Oscar Peterson Trio. In each of three movements of "ragtime," "blues" and "boogie-woogie" an unending variety of colors, forms, figures and lines, move against a continuously changing background in time with the music. (NFBC; IFB) sh, c
MOTION PICTURES, EXPERIMENTAL; JAZZ MUSIC

Behavior Theory in Practice, Part I: Respondent and Operant Behavior.
18 min, Color, 1965 . . . . $10.00
Discusses general laws which govern many kinds of behavior in many species. Examines basic principles with laboratory animals and then extends these findings to other species outside of the laboratory. Presents systematic description of behavior within the framework of a single model, the Skinnerian Behavior Theory. (Appleton-Century-Crofts) c
PSYCHOLOGY

Behavior Theory in Practice, Part II: Shaping Various Operants in Various Species, Programmed.
18 min, Color, 1965 . . . . $10.00
Demonstrates the shaping of various operants in various species with the use of level pressing, high jump and natural conditioning. Discusses schedules of reinforcement. (Appleton-Century-Crofts) c
PSYCHOLOGY

Behavior Theory in Practice, Part III: Generalization, Discrimination, Motivation.
17 min, Color, 1965 . . . . $8.00
Discusses the strength of a response in the presence of one or more stimuli. Demonstrates the control of behavior by discriminative stimuli. Includes positive reinforcement, conditioned reinforcement, punishment, negative reinforcement or escape, avoidance and intercranial self-stimulation. (Appleton-Century-Crofts) c
PSYCHOLOGY

Behavior Theory in Practice, Part IV: Sequences of Behavior.
17 min, Color, 1965 . . . . $8.00
Presents examples of sequences of behavior, such as homogeneous chain, heterogeneous chain, dropping out, alternative responses and multiple stimulus control. (Appleton-Century-Crofts) c
PSYCHOLOGY

Behaviour Game.
8 min, Color, 1971 . . . . $6.00
Shows the contagious nature of both good and bad behaviour. The film begins with a humorous chain reaction of bad behaviour in a place of business. The point is then made that we constantly use behaviour as a basis for judging others. Again with humor the film gives examples of good and bad behaviour while working with others, whether with the public or with fellow employees. (Bob Markell Productions; IFB) a
BUSINESS; GUIDANCE, PERSONAL

Behind the Skyscrapers.
27 min, Color, 1961 . . . . $3.50
This documentary film won an award at the International Film Festival in San Francisco. It depicts the drink-ridden slums and skid-row sections of a metropolitan city. Although filmed in Chicago, this film is designed to depict metropolitan conditions that exist generally. It is appropriate for showing in schools, churches, clubs and industrial plants. (WCTU) sh, c, a
SOCIAL CONDITIONS

Bellota.
34 min, Color, 1969 . . . . $13.00
Tells the story of a Southwestern cattle roundup, and chronicles a unique way of life that is rapidly disappearing. The traditions of the old working cattle ranches are depicted. (IFB) jh, sh
COWBOYS

Ben Franklin Sells Today.
23 min, B&W, 1961 . . . . $5.00
In this film Ben Franklin comes to modern life for modern merchandising. He demonstrates how his principles of human relations can be applied in selling situations of quality and price and service. Common mistakes in selling are shown and then application of proper methods are presented in sharp contrast. Tactics for getting the other person to talk, for keeping out of arguments, for putting your opinions across, for engaging their sentiments, and for saving time in selling are emphasized. For use by schools only. (Handy) sh, c
SALESMANSHIP; PSYCHOLOGY

Benjamin Banneker: Man of Science.
9 min, Color, 1971 . . . . $6.00
Presents highlights of the life of Benjamin Banneker, the grandson of a former slave. Explains he was an astronomer and an earth scientist. (EBEC) jh, sh
BLACK AMERICANS; SCIENCE, GENERAL; BIOGRAPHY

Benjamin Franklin.
17 min, B&W, 1949 . . . . $4.00
Portrays his rich life in his early struggles as an apprentice printer, his publishing and writing careers, his experiments in science, and his notable contributions to America as a statesman and diplomat. (EBF) el, jh, sh, c, a
U.S.–HISTORY: REVOLUTION; STATESMEN; BIOGRAPHY

Berfunkle.
10 min, Color, 1964 . . . . $7.00
An animated film which presents the mysterious concept of 'berfunkle' and what it means to different people as it follows the humorous misadventures of a poor soul trying to find the exact meaning of the word. (Portafilms; Henk Newenhouse) el, jh, sh, c
COMMUNICATION; LANGUAGE ARTS

Besieged Majority.
53 min, Color, 1970 . . . . $19.00
Deals with the crucial urban issue of crime in the streets from the victim's point of view. Fear is changing the way people think about where they live, the people they live with, the criminal justice system, and even their politics. (Fred Freed; NBC) sh, c, a
SOCIOLOGY; CRIME AND CRIMINALS

Best Things in Life.
25 min, Color, 1960 . . . . $3.50
The film tells a convincing story of how five physically

handicapped women share play activities with their young children. It includes crafts, nature study and suggestions for back yard playgrounds and equipment for active indoor play. (UCONN) c, a

SOCIAL ADJUSTMENT; CHILD STUDY; PERSONAL AND SOCIAL ADJUSTMENT

Best We Can Do.

14 min, Color, 1968 . . . . $8.00

The American Dream (the village life) vs. American Dilemma (city life)–proposes as the answer to this dilemma community centers, private homes, foot paths, pedestrian underpasses, and parks. With the lessons of the past and design of the present we can and should move closer to the American Dream. (American Inst. of Architects) c, a

CITY PLANNING

Better Choice of Words.

10 min, B&W, 1952 . . . . $3.50

This film shows young people the importance of choosing words well in order that others may understand exactly what one is speaking about. For better speaking, the audience is encouraged to work toward a wider vocabulary, to keep a clear mental picture of what one wants to say, and to select the words best suited for their audience. (Coronet) jh, sh

COMMUNICATION; LANGUAGE AND LANGUAGES –STUDY AND TEACHING; VOCABULARY

Between Two Rivers.

26 min, Color, 1969 . . . . $13.00

Thomas James White Hawk, an American Indian, is now serving a life sentence for murder and rape. No attempt is made to excuse the crimes, but rather to look at the case as an extreme example of the alienation of Indian young people who are caught in a culture conflict. (NBC) jh, sh, c, a

INDIANS OF NORTH AMERICA; SOCIAL PROBLEMS

Beyond Conception.

35 min, Color, 1970 . . . . $13.00

Offers a vivid picture of the population explosion facing the individual and the world. Treats population control, food supply, and living space as inseparable problems. Methods of birth control, sterilization and abortion are explained. (Willing and Denniston; Population Dynamics) sh, c, a

REPRODUCTION; SEX EDUCATION

Beyond Our Solar System.

11 min, B&W, 1959 . . . . $3.50

Telescopic photographs taken at Mount Wilson and Yerkes observatories together with explanatory artwork help teach basic concepts about stars, nebulas, major constellations, and galaxies beyond our own Milky Way. The film presents a clear, visual impression of the physical characteristics of these bodies and of their great distance from the earth and from each other. (Coronet) el, jh

ASTRONOMY

Bicycle Riding Reminders.

11 min, Color, 1970 . . . . $7.00

Features safety and riding tips. A police vehicle demonstrates reaction time and braking distance. Demonstrates what happens when a car impacts a bicycle and its doll rider at 30 miles per hour. (AIMS) el, jh

SAFETY EDUCATION; SPORTS

Bicycle Rules of the Road.

11 min, Color, 1965 . . . . $7.00

Three memorable rules are developed to cover the major causes of bicycle accidents. Reaction time and stopping distance tests feature automobiles and bicycles. Staged automobile-bicycle collisions show what can happen at speeds of 25 and 47 mph. (AIMS) el, jh

SAFETY EDUCATION; SPORTS

Bike People.

11 min, Color, 1973 . . . . $7.00

Deals with basic safety precautions, optional equipment, and protection against theft. Explains bike vehicle code rules. (AIMS) jh, sh, c, a

SAFETY EDUCATION; SPORTS

Bill of Rights of the United States.

16 min, Color, 1955 . . . . $8.00

The first ten amendments to the Constitution are the specific guarantees which history, contemporary events, and the temper of men's minds had marked as vital safeguards of personal freedom. (EBF) jh, sh, c

CIVIL RIGHTS; U.S.–CONSTITUTION; LAW

Bill of Rights Series: Interrogation and Counsel.

22 min, Color, 1967 . . . . $10.00

The Fifth and Sixth Amendments are reviewed in historical perspective prior to the raising of the issues of rights of the indigent, legal representation made available to individuals, and the mental defense mechanism of citizens. Two sides of a case are reenacted to raise the question of guilt or innocence in a suspected robbery case. Provisions are made to stop the projector between conflicting points of view for discussion purposes. The film comes to grips with the basic unresolved questions that arise and the intense conflict of a free society in perfecting the means of getting to the truth. (Churchill Films) sh, c, a

CIVIL RIGHTS; U.S.–CONSTITUTION; LAW

Bill of Rights Series: Justice, Liberty and Law.

22 min, Color, 1967 . . . . $10.00

An introduction to how a government is to enforce order while providing justice and a maximum of freedom to the individual. This film sets the Bill of Rights in historical perspective and provides an introduction to the other films in the series which deal with specific amendments. (Churchill Films) sh, c, a

LAW; CIVIL RIGHTS; U.S.–CONSTITUTION

Bill of Rights Series: Search and Privacy.

22 min, Color, 1967 . . . . $10.00

Establishes the differences of opinions by those who are concerned with law enforcement and those who feel the individual needs basic safeguards against unreasonable invasion by police. The conflict is made immediate by interviews with critics and supporters of recent Supreme Court rulings. The film presents enacted episodes with provision to stop the projector for discussion between sequences. (Churchill Films) sh, c, a

LAW; LIBERTY; U.S.–CONSTITUTION

Bill of Rights Series: Speech and Protest.

22 min, Color, 1967 . . . . $10.00

What are, or should be, the limits of civil disobedience? What justifies disobedience? These are some of the questions posed in this film which is based on actual cases. Attorneys', teachers', and students' views are brought to light, the First Amendment is introduced, and early drawings of autocratic times create a dramatic contrast. The film presents these varying opinions with provision to stop the projector for discussion of ideas. (Churchill Films) sh, c, a

U.S.–CONSTITUTION; CIVIL RIGHTS; LIBERTY

Biochemistry and Molecular Structure.

22 min, Color, 1965 . . . . $10.00

Demonstrates the role of molecular structure in determining biological activity. Correlation of the structure and biological activity of sulfanilamide with a vitamin essential for bacterial growth leads to a more general investigation of the biochemical nature of growth. It is proposed that compounds similar to those found in cell chromosomes may stop cell growth and thus be useful in controlling cancer. The technique of time-lapse microphotography is used to demonstrate the effect of one such compound, 5-FU (5-fluorouracil) on cancer cells. (Chem Study Films; MLA) sh, c

PHYSIOLOGY; MICROBIOLOGY; CELLS

Biography of a Bee.

14 min, Color, 1965 . . . . $8.00

Discusses the social structure of the hive and the part played by queen drone and worker. Follows a typical worker bee through a series of activities which includes cleaning, care of the young, wax building, ventilating, guarding, nectar processing and foraging. Explains how bees communicate by means of a dance. Compares and contrasts the bee community with human society. (MIS) el, jh, sh

BEE; BIOLOGY; INSECTS AND SPIDERS

Biography of the Unborn.

16 min, B&W, 1956 . . . . $4.00

The primary objective of this film is to give the lay audience a simple and understandable illustration of the development of life inside the mother's womb. Scenes include electronic photomicrography of fertilization, cell division, the embryonic disc, process of specialization, dramatic rush of the first month of development, appearance of main features of the human form, four-month characteristic movements of and subsequent shaping of the embryo during maturation. Also shown are photographs of premature babies, a doctor cutting the umbilical cord, and a hospital nursery. Actual photography, animation and x-ray are used to present the film story. (EBF) sh, c, a

EMBRYOLOGY; REPRODUCTION

Bird Community.

11 min, Color, 1955 . . . . $7.00

In few places are birds found in greater numbers and variety than on the Midway Islands of the Pacific. The film explores the birds' unusual behavior patterns of competition and courtship, hatching and growth, structure and function. The fairy tern, sooty tern, frigate bird, bosun bird, gannet and albatross are included. (MIS) el, jh, sh, c, a
BIRDS

Bird Migration.
10 min, Color, 1948 . . . . $7.00
Presents many kinds of birds and shows the various journeys they make to their summer and winter homes. The "Ice Age" theory of bird migration is illustrated. (Heidenkamp) el, jh, sh, c, a
ZOOLOGY; BIRDS

Bird of Prey, The Red-Tailed Hawk.
14 min, Color, 1972 . . . . $8.00
A unique look at the endangered red-tailed hawk shows how it is equipped for its environment and why it and other birds of prey must be preserved. Rare footage shows hatching and feeding. It also shows how a raccoon, the hawk's natural predator, climbs to its nest 60 feet above ground, to snatch one of the bird's eggs. Close-up shots examine the hawk's special physical characteristics...its use of talons, beak and eyes. (EBEC) jh, sh
BIRDS; ECOLOGY

Bird Who Is A Clown.
9 min, Color, 1972 . . . . $6.00
Introduces the island Daphne Major of the Galapagos Islands, which is a small island and the nesting ground for hundreds of Bluefooted Booby birds. Emphasizes the mating and upbringing of the young in order to illustrate the stages of development of the Booby and to reveal its behavior patterns. (EBEC) el, jh
ANIMALS–HABITS AND BEHAVIOR; BIRDS

Bird Wing Adaptations.
17 min, Color, 1964 . . . . $8.00
Charts, close-ups and action shots on land and in flight are used to relate the structure of various bird wings to survival by adaptation. (Barnard; IFB) jh, sh, c
ADAPTATION (ANIMALS); BIRDS

Birds and Migration.
18 min, Color, 1964 . . . . $10.00
Shows how the patterns, causes, schedules and routes of bird migrations have been altered by changes of surface, climate and food supply on the continents. (Barnard; IFB) jh, sh, c
ADAPTATION (ANIMALS); BIRDS

Birds are Interesting.
11 min, Color, 1950 . . . . $7.00
Presents some of the basic biological concepts concerning birds. Provides a systematic analysis of birds by classifying them under three categories – swimming and wading birds, birds of prey, and perching birds. Contrasts such features as bills, feet, and wings to characterize each type. Birds depicted include hawks, owls, ducks, pelicans, canaries, and chickens. (EBF) el, jh, sh, c
BIRDS; ZOOLOGY; ANATOMY

Birds in Winter.
10 min, Color, 1947 . . . . $7.00
Winter days are fine ones for students to get acquainted with such birds as the chickadee, nuthatch, woodpecker, junco, cardinal, English sparrow, starling and even the robin. This film shows how to use a feeding station to attract these birds and how to recognize them when they appear. Pupils will see the seasonal aspect of bird life, the interdependence of living things and the food-getting adaptations of birds in winter. (Coronet) el, jh
BIRDS; ZOOLOGY; ECOLOGY

Birds of Our Storybooks.
10 min, Color, 1954 . . . . $7.00
The robin, cardinal, crow, owl, bluejay, sparrow, redheaded woodpecker, wren and seagull–birds which children encounter most frequently in their stories and texts–are shown both as they appear in book illustrations and as they are in their natural settings. Characteristics of the birds–their coloring, calls, and easily observed habits–are carefully integrated with poems and stories at the primary level. (Coronet) el
BIRDS; STORIES; ZOOLOGY

Birds of Prey.
11 min, B&W, 1938 . . . . $3.50
Portrays the development, habitats and activities of owls, vultures, eagles and hawks. (EBEC) jh, sh
ANIMALS–HABITS AND BEHAVIOR; BIRDS

Birds of the Dooryard.
11 min, Color, 1962 . . . . $7.00
This third edition shows how the robin, yellow warbler, eastern phoebe, yellow-shafted flicker, cardinal, tree swallow, house wren, and purple martin nest, feed, and care for their young. Entirely new scenes and sound, with authentic bird calls, illustrate the characteristics of each bird and show how these familiar birds may be attracted to our homes and gardens. (Coronet) el, jh
BIRDS

Birds That Eat Fish.
6 min, Color, 1952 . . . . $6.00
Shows many fish-eating birds and indicates how the characteristics of each, although different, enable them to catch and eat fish. (IFB) el, jh, sh
BIRDS

Birds That Eat Flesh.
6 min, Color, 1952 . . . . $6.00
Red-tailed hawk; red-shouldered hawk; sparrow hawk; marsh hawk; screech owls; saw-whet owl; long-eared owl; barred owl; great horned owl. (IFB) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; BIRDS

Birds That Eat Seeds.
6 min, Color, 1952 . . . . $6.00
Shows that birds that eat seeds have strong bills. Includes shots of the canary, evening grosbeak, junco, indigo bunting, goldfinch, white-crowned sparrow, song sparrow, cardinal, cross bill, and cedar waxwing. (IFB) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; BIRDS

Birth of a Nation Series: Part I – Colonial America in 1760's.
17 min, Color, 1967 . . . . $8.00
After George Grenville became Chancellor of the Exchequer in 1763, he found that it was costing more to run the Colonies than was being collected from them. He began levying more taxes on the Colonies' trade. The Colonists did not intend to pay more taxes without representation in Parliament – the seeds of Revolution had been planted. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part II – Taxation Without Representation.
16 min, Color, 1967 . . . . $8.00
When the Sugar and Stamp Acts introduced by Grenville caused the Colonial merchants to stop trading with Britain, Parliament repealed the Stamp Act and formed the Townshend Acts with a Board of Custom Commissioners to collect them. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part III – Prelude to Revolution.
17 min, Color, 1967 . . . . $8.00
After the Boston Massacre, Bostonians demanded the withdrawal of British troops. They were removed and Parliament repealed the Townshend Acts as well. Peace returned to the Colonies for 2 years. Then the Customs Commissioners began to inflict heavy tolls on Colonial shipping. Angered by this, a group of Colonists burned a British ship, the Gaspee. The Tea Act was passed, and the Colonies began returning shiploads of tea. The Bostonians were the only ones who accepted the tea–but on their own terms–the Boston Tea Party. In 1774 the first Continental Congress met in opposition to the newly imposed Intolerable Acts. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part IV – Lexington, Concord, and Independence.
17 min, Color, 1967 . . . . $8.00
King George intended to teach the young Colonial upstarts a lesson, but the Colonial militia, known as the Minutemen, were prepared. The British troops were challenged first at Lexington and then at Concord. The war had begun. The Continental Congress appointed George Washington Commander-In-Chief of the regular army and adopted the Declaration of Independence. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part V – Fighting for Freedom.
18 min, Color, 1967 . . . . $10.00
Washington and his army were unable to defend New York and retreated into Pennsylvania to spend a bitterly cold winter. When Washington crossed the Delaware River on Christmas night, 1776, and captured Trenton, all Americans were given new confidence and courage. The British captured Philadelphia but were forced to surrender at Saratoga. Because of this great victory, France came into the war to fight at the side of America. The war was as good as won. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part VI – A Nation in Crisis.
16 min, Color, 1967 . . . . $8.00
During the Revolution, the Second Continental Congress was trying to establish a central government. The State Legislatures finally approved the Articles of Confederation. The Western Territory was opened for settlement after the war. States began quarrelling and refusing to give Congress its power. Shay's Rebellion made the people realize that they had no government, no soldiers, no money, or no power. A meeting of five states was called. A Constitution Convention was proposed to create a true constitution providing a strong federal government. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of a Nation Series: Part VII – The Living Constitution.
16 min, Color, 1967 . . . . $8.00
Philadelphia was the scene of the 1787 Constitution Convention. On September 17, 1787, after months of argument and debate, a Constitution presented by James Madison was signed by the delegates. This plan, however, did not become law until the states were guaranteed a Bill of Rights. George Washington became the first President in 1789. (AIMS) jh
U.S. HISTORY: REVOLUTION

Birth of the Red Kangaroo.
21 min, Color, 1965 . . . . $8.00
An unusual and vivid documentation of the development of the Australian red kangaroo from conception through the first year of life. (IFB) sh, c, a
REPRODUCTION, ANIMALS

Birth of the Soil: Living Earth Series–Part I.
11 min, Color, 1948 . . . . $7.00
Reveals how man's very survival depends upon a few inches of topsoil which only nature can manufacture–over a period of many centuries. Explains, with scientific accuracy, the remarkable process by which life-giving topsoil is produced from the basic raw materials of rock, water, air, and sunlight. Contrasts the productive capacity of topsoil with that of subsoil. (Conservation Foundation and New York Zoological Society; EBF) jh, sh, c, a
GEOLOGY: SOIL CONSERVATION

Bishop Turner: Black Nationalist.
9 min, Color, 1971 . . . . $6.00
Traces the history of the first Black Nationalism movement in America by following the life of this important early Black leader. Although Turner's goal for a strong Black nation in Africa failed, his ideas are still valid today in light of the Black movement. (EBEC) jh, sh
BLACK AMERICANS; U.S. HISTORY

Black and White Uptight.
35 min, Color, 1969 . . . . $13.00
The myths that perpetuate prejudice against black people in our society and the subtle ways that hate is learned are explored in this film. (BFA) jh, sh
BLACK AMERICANS; SOCIAL PROBLEMS

Black Bear Twins.
10 min, B&W, 1952 . . . . $3.50
Reveals the interesting habits and characteristics of bears by following a day's adventures of two mischievous cubs. Depicts the cubs searching for food, frolicking in the forest, raiding a wild bee hive, and later nursing their stings in a mud puddle. Describes their amusing experiences as they invade a nearby camp. (EBF) el, jh
ANIMALS–STORIES; ANIMALS–HABITS AND BEHAVIOR

Black Dimensions in American Art.
11 min, Color, 1970 . . . . $7.00
Features the important creations of America's most celebrated black artists (nearly 50 artists represented) representing every major style in painting today. (AIMS) jh, sh, c, a
ART; BLACK AMERICANS

Black People in the Slave South, 1850.
11 min, Color, 1971 . . . . $7.00
Describes the effect of large-scale importation of blacks after the invention of the cotton gin. Discusses the life of slaves, the philosophy and laws developed by southern whites in order to retain the slave system and the effect of years of slavery upon the Black people. (EBEC) jh, sh
BLACK AMERICANS; U.S. HISTORY

Black Woman.
52 min, B&W, 1970 . . . . $9.50
Poetess Nikki Giovanni, singer Lena Horne, Bibi Amina Baraka (wife of poet-playwright LeRoi Jones), and other Black women discuss the role of Black women in contemporary society and the problems they confront. Topics discussed include the relationship of Black women to Black men, Black women to white society, and Black women to the liberation struggle. Lena Horne condemns the arrest of Angela Davis which she fears may be "a calculated genocidal move . . ." There is also singing by Roberta Flack, a dance by Loretta Abbott, and poetry by Nikki Giovanni. (NET; Indiana) sh, c, a
BLACK AMERICANS; POETRY

Blades and Brass.
10 min, Color, 1967 . . . . $7.00
Without commentary, this film combines the skill of Canadian hockey teams and Mexican brass to portray the thrills, pace and hazards of one of the fastest games. (NFBC, IFB) jh, sh
SPORTS

Blind As A Bat.
7 min, Color, 1954 . . . . $6.00
The bat is not blind; it has well developed eyes. Yet the bat's ability to fly safely through total darkness does not depend on its eyesight, but rather on its unique "radar" system. (MIS) el, jh, sh, c, a
ANIMALS–HABITS AND BEHAVIOR

Blinkity Blank.
6 min, Color, 1955 . . . . $6.00
A film experiment by Norman McLaren in the use of intermittent animation and spasmodic imagery. (NFBC; IFB) jh, sh, c
MOTION PICTURES, EXPERIMENTAL

Blood.
16 min, Color, 1961 . . . . $8.00
Supplementing live action scenes with animation and photomicrography, this film tells the story of the highly complex tissue which is the lifeline of the body. The composition of the blood, its circulation, and the work it does to support cell processes are clearly illustrated. The film also explains blood typing and the test for the RH factor. (EBF) sh, c
PHYSIOLOGY

Blue Collar Trap.
51 min, Color, 1972 . . . . $19.00
This film examines the life styles, politics, views, and frustrations of some of America's new breed of blue collar worker – one who wants opportunity for thinking and fulfillment on the job. (NBC) jh, sh, c, a
SOCIAL GROUPS; SOCIAL PROBLEMS

Blue Dashiki: Jeffrey and His City Neighbors.
14 min, Color, 1969 . . . . $8.00
Follows the adventures of a young boy as he tries to earn money in order to buy a Dashiki he has seen in a local import store. (EBEC) el, jh
BLACK AMERICANS

Blueberries for Sal.
9 min, Color, 1967 . . . . $6.00
Uses pictures from Robert McCloskey's book to portray the story about the common needs of man and beast. (Weston Woods) el
CHILDREN'S FILMS

Bluebird.
10 min, Color, 1948 . . . . $7.00
A story of bluebirds and their summer visit in the north. They compete with a wren and a starling for the nesting site. This film also presents five species of woodpeckers. (Heidenkamp) el, jh, sh, c, a
BIRDS

Bluenose Shore.
16 min, Color, 1969 . . . . $3.50
Explores Canada's ocean province, Nova Scotia, as a summer vacation haven. Recalls some of the historic links with New England. (NFBC; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL

Boats and Ships (2nd Edition).
11 min, B&W, 1962 . . . . $3.50
11 min, Color, 1962 . . . . $7.00
Depicts several types of vessels through the experiences of a boy and girl who are given a tour around a large harbor by their grandfather, a former sea captain. (EBEC) el
BOATS AND BOATING; CHILDREN'S FILMS

Bomb Calorimeter.
10 min, Color, 1970 . . . . $7.00
Demonstrates and explains in detail the operation of the bomb

calorimeter, a device for determining heat of combustion of fuels and food commonly used in industry and in fundamental research for thermo-chemical analyses. (EBEC) sh, c
CHEMISTRY

Bonjour Montreal.
13 min, Color, 1969 . . . . $3.50
Documents, without commentary, that Montreal, the swinging French-Canadian city, is a place to be enjoyed, to be savored a little here, a little there. (Moreland-Latchford Prod. Ltd.; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL; CANADA–SOCIAL LIFE AND CUSTOMS

Boogie Doodle.
4 min, Color, 1948 . . . . $6.00
An animated film of "boogie" played by Albert Ammons and "doodle" drawn on the film by Norman McLaren. (NFBC; IFB) jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL

Book Is to Care For.
11 min, Color, 1969 . . . . $7.00
Billy buys a damaged book and takes it to school. The class learns how a book is created and ways to repair and care for books. (Coronet) el
CHILDREN'S FILMS

Booker T. Washington.
17 min, B&W, 1951 . . . . $4.00
Negro educator who struggled to establish a place for the Negro in American society–to free his people from ignorance, poverty, and fear. (EBF) el, jh, sh, c, a
BLACK AMERICANS; U.S.–HISTORY: 1783-1900; BIOGRAPHY

Boomsville.
11 min, Color, 1970 . . . . $7.00
Brilliant animated overview of the growth of cities shows what man has done to his environment. Film recreates man's interaction with his surroundings, tracing step-by-step the process by which man took a virgin land, and made of it a frantic, congested "boomsville." (Award winner) (NFBC; LCA) el, jh, sh, c, a
ECOLOGY; SOCIAL PROBLEMS

Boreal Forest.
19 min, Color, 1963 . . . . $10.00
The North American Coniferous Forest Biome is described as an ecological community with interrelated food chains, existing in a particular climatic zone. (IFB) sh, c
BOTANY; ECOLOGY

Boston Tea Party.
8 min, Color, 1955 . . . . $6.00
Depicts December 16, 1773, when American patriots decide to strike a daring blow against British tyranny and taxation. Portrays the spirit and personalities of the times which lead to the Revolution. (EBEC) jh, sh
U.S. HISTORY: REVOLUTION

Boundary Lines.
10 min, Color, 1947 . . . . $7.00
Widely acclaimed for its appeal for unity, this film makes a plea for the elimination of the arbitrary boundary lines which divide people from each other as individuals and as nations. Boundary lines are ideas of hate, fear, greed, color, wealth, religion and suspicion. This film is composed of animated paintings, moving lines, realistic and abstract symbols; the music is an integral part of the film story. (IFF) jh, sh, c, a
HUMAN RELATIONS; INTERNATIONAL COOPERATION

Boy Named Terry Egan.
53 min, B&W, 1973 . . . . $9.50
Filmed account of the struggle of Terry Egan (a bright attractive nine year old boy) against autism. Reveals his family's doubts and confusion, as well as psychologists' inability to pinpoint the cause of Terry's autism. Stresses that Terry is making progress with the help and love of his family, doctor and teachers. (CBS; Carousel) c, a
EDUCATION, SPECIAL; PSYCHOLOGY

Boy of a Frontier Fort.
11 min, B&W, 1958 . . . . $3.50
Depicts young Daniel Knight and his family in a frontier fort in the 1790's. This film shows the resourcefulness of the men in using their early-day tools and firearms; new settlers arriving after the long trip from the east; and it portrays the preparations of the frontiersmen to ward off an expected Indian attack. (Coronet) el, jh
STORIES; U.S.–HISTORY: 1783-1900

Boy of India: Rama and His Elephant.
10 min, Color, 1955 . . . . $7.00
This is the story of Rama, an eight-year-old boy who lives with his family on a tea plantation in Assam, India. The story tells of a very special day in Rama's life. Accompanying his father, a mahout, to learn how he handles his work elephant, Rama for the first time works with the elephant Gunda as she pulls a stalled tea truck from the stream. (Coronet) el
STORIES; INDIA

Boy of Japan: Ito and His Kite.
11 min, Color, 1964 . . . . $7.00
Through the simple story of a Japanese boy and his kite, we are introduced to the people, customs, and land of Japan. We see farmlands, industry, fishermen at work, children at play, the bustle of the city, and the high mountains and surrounding sea. We learn, as Ito does, that where we live – our home, our community, our country – is just a small part of a much bigger world. (Coronet) el
STORIES; JAPAN

Boy of Mexico: Juan and His Donkey.
10 min, Color, 1954 . . . . $7.00
Through the warm and human story of Juan, a small Mexican boy, and his donkey, Pepito, children become acquainted with some of the characteristics of rural Mexico. In following Juan's experiences on a single day, the film conveys a sympathetic feeling for Mexico and provides a rich background for reading and language arts related to life in this country. (Coronet) el
STORIES; MEXICO

Boy of Renaissance Italy.
13 min, B&W, 1957 . . . . $3.50
Intimate glimpses into life during the Renaissance are provided in this film photographed in Florence, Italy. Through the story of young Nicolo, an apprentice artist of 1500, students will learn about the people of the times – the rich merchants, peasants, soldiers, artists, and professors. Nicolo's experiences in the great city of commerce and art introduce the meaning and spirit of the Renaissance. (Coronet) el, jh
STORIES; ITALY; EUROPE – HISTORY: 1492-1789

Boy to Man.
16 min, B&W, 1962 . . . . $4.00
This film deals candidly with the secondary and primary sexual changes in the male adolescent. Through animation, it explains some of the common physiological manifestations of maturation. Produced under medical and psychiatric supervision, it presents a scientific and authoritive treatment of a difficult subject. Designed primarily for showing to boys just entering adolescence. (Churchill Films) jh, sh, c, a
PHYSIOLOGY; PERSONAL AND SOCIAL ADJUSTMENT; SEX EDUCATION

Brahms and His Music.
13 min, B&W, 1957 . . . . $3.50
The classical music of Johannes Brahms is used as a framework within which are presented persons who influenced the composer, places where he lived, and important ideas of his life. In understanding the controversy that raged over his music during his lifetime, students will understand Brahms' contributions to the world of music. (Coronet) el, jh, sh
MUSIC; MUSICIANS

Brain and Behavior.
22 min, B&W, 1958 . . . . $5.00
This film demonstrates two ways by which we can study the function of different brain areas in human behavior. One method shown is to stimulate artificially different parts of the living brain with an electrode and observe the results. The other method is to measure, by means of tests, the changes in behavior following injuries in different areas of the brain. Several such measurement tests are demonstrated, with different patients, each of whom has suffered injury to some part of the brain. The film points out that a particular brain injury affects either vision, or touch, or movement, or speech, or a combination of these activities. (McGraw-Hill) c
ANATOMY; PHYSIOLOGY; NERVOUS SYSTEM

Brain is the Reason.
25 min, B&W, 1958 . . . . $3.50
A backyard barbecue forms the background for a presentation explaining how alcohol affects judgment and reason and why drinking may cause accidents and death. The film story emphasizes the parts of the brain and their function and shows how alcohol affects them. (WCTU) jh, sh, a
PHYSIOLOGY

Brand Names and Labeling Games.
9 min, Color, 1972 . . . . $6.00

Explains that an expensive brand-name product and an unknown brand which is cheaper may be of the same quality. Points out that deceptive labeling practices such as "giant," "jumbo," etc. give the consumer no real information about the product. (Benchmark Films) sh, c, a

CONSUMER EDUCATION

Brazil.

20 min, B&W, 1962 . . . . $5.00

Our film visit includes stops along the jungle artery of the Amazon; a view of the difficult life of northeast Brazil in Salvador and Recife; a tour of Belo Horizonte, Brazil's first planned city and queen of a mineral empire. We see Rio de Janeiro, its beaches, culture and history – then the contrast of the new capital, Brasilia. Through the eyes of a family of Sao Paulo, South America's industrial metropolis, the film portrays the bright future awaiting Brazil. (McGraw-Hill) el, sh, c

BRAZIL; GEOGRAPHY

Brazil (People in the Highlands).

17 min, B&W, 1961 . . . . $4.00
17 min, Color, 1961 . . . . $8.00

A survey of the Brazilian Highlands and of the people who live there. Illustrates ways of life on the coffee plantations and cotton farms, with typical scenes from the family life of a prosperous landowner, a tenant farmer, and a small farm owner. Urban life is portrayed in sequences on the beautiful city of Rio de Janeiro and the rising industrial community of Sao Paulo. (EBF) el, jh, sh, c

BRAZIL; ANTHROPOGEOGRAPHY – SOUTH AMERICA; FOOD; SOUTH AMERICA

Breaking the Delegation Barrier.

30 min, B&W, 1961 . . . . $6.50

Realistically develops an understanding of delegation and what we can do to increase efficiency and promote personal growth at all levels of management. Shows how supervisors may overcome their fear of delegating authority to subordinates. (Roundtable Productions) c, a

HUMAN RELATIONS; INDUSTRIAL MANAGEMENT; PSYCHOLOGY

Breakthrough–The Challenge of Agricultural Research.

28 min, color, 1960 . . . . $3.50

This film highlights investigations performed by Agricultural Research Service scientists, such as virus attack of normal cells in live animals, metabolism of cows, automation in raising animals more efficiently in confinement, soil and water problems and the relationship of plant growth to light. Cleared for TV showings. (USDA) sh, c, a

AGRICULTURE; GUIDANCE, VOCATIONAL; SCIENCE, GENERAL

Breath of Life.

16 min, Color, 1969 . . . . $8.00

Shows the importance and technique of mouth-to-mouth breathing, the only known method of emergency resuscitation which supplies oxygen without a loss of time. (Multi-Award Winner) (Pyramid Films) jh, sh, c, a

SAFETY EDUCATION

Breathing for Others.

14 min, Color, 1965 . . . . $8.00

Shows the anatomical and physiological principles involved in mouth-to-mouth and mouth-to-nose resuscitation techniques. (IFB) sh, c, a

SAFETY EDUCATION

Brendan Behan's Dublin.

29 min, Color, 1968 . . . . $13.00

A look at Dublin as Behan knew it and a portrait of the writer himself. Different views of him emerge from the comments of his father and mother, his wife Beatrice, and his daughter Blanaid, but most of all from Behan's comments, which are sometimes kind, sometimes scathing, but always witty. (Compton Film Distributors Limited; IFB) sh, a

LITERATURE; IRELAND

Bretagne, Pays de la Mer.

10 min, Color, 1962 . . . . $7.00

This film explores the traditions and heritage of the ancient province of Brittany. The sea has shaped its way of life as well as its appearance. French narration. (USOE; MLA) el, jh, sh, c

FRENCH LANGUAGE; ANTHROPOGEOGRAPHY–EUROPE

Bright Future.

30 min, Color, 1965 . . . . $3.50

A career guidance film designed to show the rewards and professional role of the dental hygienist. It provides basic career information on how and where one can obtain training in this profession. A large portion of the film documents the hygienist's professional training program in which lecture, laboratory, and clinical experiences are coordinated into a meaningful learning experience. The various vocational opportunities upon graduation are cited. (American Dental Association) jh, sh, c, a

VOCATIONAL GUIDANCE; MEDICINE

British Isles: The Land and the People.

21 min, B&W, 1963 . . . . $5.00
21 min, Color, 1963 . . . . $10.00

Shows topography and natural resources of England, Ireland, Scotland, and Wales, and describes the lives and work of such typical people as Irish farmers, Scottish crofters, and Welsh coal miners. Points out how Britain's history and economy have been influenced by her insularity and her strategic location relative to the continent. Stresses the national character of these four countries, which, though united by common institutions and government, preserve strong individuality. (EBF) el, jh, sh, c

GREAT BRITAIN; IRELAND; ANTHROPOGEOGRAPHY–EUROPE (ENGLAND)

Bromine–Element from the Sea.

22 min, Color, 1965 . . . . $10.00

The chemistry of an aqueous solution of bromine is explored. The process for recovering elemental bromine from sea water is then developed on a laboratory scale. The essential steps are (1) oxidation of bromide ion with chlorine (2) concentration by reduction with sulfur dioxide to hydrogen bromide, and (3) reoxidation followed by separation of the bromine by steam distillation. The same steps are then shown in an industrial bromine plant. (Chem Study Films; MLA) sh, c

CHEMISTRY, INORGANIC

Bronte Sisters.

19 min, Color, 1970 . . . . $10.00

Against the pastoral settings of the county of York, the film presents both the lives of the Bronte sisters and excerpts from their works. (Attico Films; IFB) sh, c

LITERATURE

Bronze Casting of Sculpture.

30 min, Color, 1962 . . . . $13.00

Demonstrates all the steps of the lost wax method of bronze casting, from clay model to completed bronze sculpture. (IFB) sh, c

SCULPTURE

Brooms of Mexico.

26 min, Color, 1971 . . . . $13.00

The everyday occupation of sweeping is used as the central image to present the people of a small town in Mexico. The poetry of Alvin Gordon combines with the drawings of Ted De Grazia and live photography to present the dreams, hopes, and memories of six Mexicans for whom a broom is an important part of life. (Manley Film Prof.; IFB) jh, sh, c

MEXICO; POETRY

Brush Techniques.

10 min, Color, 1947 . . . . $7.00

This film is a convincing step-by-step demonstration of the multiple devices used to transform blank paper into a warm and vibrant water color. As if the eye and the hand of the master artist were the student's own, you see how you can communicate through water color a vivid impression of a landscape. (EBF) jh, sh, c

ART–STUDY AND TEACHING; PAINTING AND PAINTINGS

Buddhist World.

11 min, B&W, 1963 . . . . $3.50

Photographed in India, Thailand, Japan and Tibet, this film reviews the origins of Buddhism through the life, work and philosophy of Gautama Buddha, and gives us an understanding of the major tenets of Buddhist belief. The film traces the historical and cultural growth of Buddhism, and shows its influence in those lands where it is practiced today. (Coronet) sh

FAR EAST; RELIGION; RELIGION–HISTORY

Buffalo: An Ecological Success Story.

13 min, Color, 1971 . . . . $7.00

Presents the physical traits and natural habitat of the Buffalo and shows the Buffalo's struggle for survival from the time when vast herds ranged across the country, through the mass slaughters of the 1800's to the successful restoration of the Buffalos in the 20th century. (EBEC) jh, sh

ANIMALS–HABITS AND BEHAVIOR; ECOLOGY

Build Your Vocabulary (Second Edition).
14 min, B&W, 1967 . . . . $4.00
Bill doesn't give his vocabulary much thought. In a stage show with his friends the values of a good vocabulary are demonstrated and interesting and practical ways to increase and improve it are shown. While incidents shown on stage are amusing to the audience, they bring home the importance of vocabulary improvement and specific ways for doing so. (Coronet) jh, sh
VOCABULARY

Building a Bridge.
10 min, B&W, 1968 . . . . $3.50
Documents the methods of bridge building common among the Tajik people of Afghanistan who work without nails and modern tools. The viewer is transported back in time to a period before machines assisted man in harnessing his environment. (H. Schlenker; IFF) el, jh, sh, c
ANTHROPOLOGY

Building A House–and Where Does It Come From?
11 min, Color, 1973 . . . . $7.00
A basic presentation featuring the men and materials involved in building a home and how the various products involved are used in construction. Flashbacks visualize the manufacture of various materials used. (AIMS) el, jh
COMMUNITY LIFE

Building A Skyscraper–and the Careers Involved.
11 min, Color, 1973 . . . . $7.00
Following the construction of a skyscraper from plans to completion, this film features the men, machines and materials necessary to accomplish this major undertaking. (AIMS) el, jh
VOCATIONAL GUIDANCE

Building Better Paragraphs.
10 min, B&W, 1953 . . . . $3.50
In trying to report an event for insertion in the school paper, this class learns the elements of a good paragraph. The confusion that can result when irrelevant material is introduced into a paragraph is demonstrated, and tests of good paragraph construction are presented. (Coronet) el, jh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Building Better Sentences.
14 min, Color, 1968 . . . . $8.00
Three boys improve the sentences in their adventure story by cutting, simplifying, using active verbs, and more precise words. (Coronet) el
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Building Children's Personalities with Creative Dancing.
30 min, B&W, 1954 . . . . $6.50
In teaching dancing to a group of boys and girls the teacher skillfully guides and praises each child toward a unique personal and improvised style, leading them from the point when they are embarrassed and tense at first to their eventual demonstration of creative expression. (University of California) c
DANCE; EDUCATION–STUDY AND TEACHING; PSYCHOLOGY

Bulletin Boards: An Effective Teaching Device.
11 min, Color, 1956 . . . . $7.00
This film is a graphic picturization of how bulletin boards can be made to function as a most effective educational tool. A wealth of background materials, lettering tools, fastening devices, and illustrations are discussed. Three-dimensional effects are explained. The film takes the viewer into a classroom where children and teacher are discussing and planning a bulletin board. (Bailey, BFA) c, a
EDUCATION–METHODS

Bunraku Puppet.
35 min, B&W, 1968 . . . . $6.50
This narrationless film is an artistic record of the few remaining Bunraku puppet-handlers and puppet makers of Japan. Bunraku, a traditional Japanese stage art, includes the creation of the puppet, the costuming, and the performance. (NHK Japan, NBC) jh, sh, c, a
JAPAN; PUPPETS

Buried Cities–Pompeii and Herculaneum.
14 min, Color, 1963 . . . . $8.00
Shows the excavation by archaeologists of the cities of Pompeii and Herculaneum. (Boulton-Hawker; IFB) jh, sh
ARCHAEOLOGY; EUROPE–HISTORY TO 476

Bushmen of the Kalahari.
12 min, Color, 1967 . . . . $7.00
The life and culture of the Bushmen of the Kalahari Desert in central and southern Botswana. Narrated by Dr. George Silberbauer, an anthropologist. (ABC; McGraw-Hill) jh, sh, c, a
ANTHROPOLOGY

Business Office: Making Things Happen.
10 min, Color, 1970 . . . . $7.00
A group of students, while planning a Prom, learn that behind every organized activity there is a business office which combines administrative functions with clerical tasks. Emphasizes the various career opportunities available in the business world. (Journal Films) jh, sh
BUSINESS EDUCATION

But What If The Dream Comes True.
52 min, B&W, 1971 . . . . $9.50
Candidly reveals the uncertainties and dissatisfactions of the Sam Greenwalt family which lives in the exclusive suburb of Birmingham, Michigan and is included in the upper 1% income bracket of the U.S. Suggests the fulfillment of the "American Dream" may result in substituting psychological for material problems. (CBS; Carousel) jh, sh, c, a
SOCIAL PROBLEMS

Buttercup.
11 min, Color, 1971 . . . . $7.00
A glistening stream with a buttercup slipping along the silvery surface. In a jarring finish, it is swallowed in the stench, sludge and garbage of industrial man. (Churchill) el, jh, sh, c
ECOLOGY

Butterfly and Moth Field Studies.
18 min, Color, 1966 . . . . $10.00
Life cycles of the butterfly and moth; various shapes, eating habits, means of movement and protection of the several species of larva; spinning silk in its cocoon; dormant stages during the winter months; pupating, burrowing and nesting. (Berlet; IFB) jh, sh
BIOLOGY; BUTTERFLIES; INSECTS AND SPIDERS

Butterfly Mystery.
10 min, Color, 1956 . . . . $7.00
Investigates with skillful close-ups and time-lapse photography, the life cycle of a typical insect, the anise swallowtail butterfly. Vividly portrays the four stages of development – the laying of the egg, hatching of the larva, forming of the chrysalis and emergence of the adult butterfly. (MIS) el, jh
BIOLOGY; BUTTERFLIES; INSECTS AND SPIDERS

Buying and Preparing a Blade Chuck Roast.
4 min, Color, 1972 . . . . $6.00
How to select, prepare, and serve this economical, impressive roast is the message here from the U.S. Department of Agriculture's consumer meat specialist. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

Buying and Preparing a Sirloin Steak.
4 min, Color, 1972 . . . . $6.00
Film goes into detail on handling, buying, and cooking the sirloin steak and shows the viewer how to get the most from sirloin money. Quality grade, thickness, length of cooking time, garnish–all important considerations when preparing the steak that's so right for every occasion. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

Buying and Preparing Beef Roasts.
5 min, Color, 1972 . . . . $6.00
Film opens on the U.S. Department of Agriculture's consumer meat specialist readying a beef rib roast for the oven. She calls this the perfect cut for oven roasting and discusses with the viewer tips on economy in buying and excellence in cooking beef roasts. (U.S. Department of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

Buying and Preparing Beef Steaks.
4 min, Color, 1972 . . . . $6.00
The U.S. Department of Agriculture's consumer meat specialist gives valuable tips on buying and preparing beef steaks by using the USDA grades of quality. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

Buying and Preparing Lamb Cuts.
4 min, Color, 1972 . . . . $6.00
Do you have a family hungry for menu variety? For a protein-filled change of pace, U.S. Department of Agriculture's consumer meat specialist suggests lamb. Most people don't know as much about lamb as they do about beef, but this will help fill in the gaps. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD, HOME ECONOMICS

Buying and Preparing the Broiling Steaks.
4 min, Color, 1972 . . . . $6.00
Sirloin, tenderloin, porterhouse, rib steak, boneless ribeye–you can delight everyone, everytime, with almost any cut of steak. But it's the right cut and the right USDA quality grade for the right occasion that makes a meal a work of art. In this film USDA's consumer meat specialist demonstrates these considerations using an array of steaks. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

Buying Meat for the Freezer.
4 min, Color, 1972 . . . . $6.00
The U.S. Department of Agriculture's consumer meat specialist has a kitchen full of money-saving hints for everyone buying meat–whether carcass or side, wholesale or retail cuts–for the freezer. (U.S. Dept. of Ag.) jh, sh, c, a
FOOD; HOME ECONOMICS

C

Cactus: Adaptations for Survival.
14 min, Color, 1972 . . . . $8.00
Close-up study of the physical characteristics and life cycles of this unique family of plants. Laboratory experiments demonstrate the plant's water-conserving characteristics. While ultra close-ups of spines, areoles, and flowers emphasize the startling beauty of the cactus. (EBEC) el
ADAPTATION (BIOLOGY); BOTANY

Cactus: Profile of a Plant.
11 min, Color, 1972 . . . . $7.00
How can you tell a cactus from other types of plants? Do all cacti look alike? Why can cactus plants live in the desert? These and many other questions are explored in this unusual film. (EBEC) el
BOTANY

Cadet Rousselle.
7 min, Color, 1947 . . . . $6.00
Two-dimensional puppets animate the old French song "Cadet Rousselle," originated as a satire on the affectations of the period between the French Revolution and the Napoleonic era. (NFBC; IFB) jh, sh
FRENCH LANGUAGE; PUPPETS

Calendar: Days, Weeks, Months.
10 min, B&W, 1954 . . . . $3.50
This film introduces the concept of the calendar and shows the relationship of days to weeks and weeks to months. This film depicts the story about one little boy who learns how to read the calendar when he wants to find out which day the circus is coming to town. (Coronet) el
STORIES; TIME

California and Its Natural Resources.
38 min, Color, 1960 . . . . $3.50
Presents the resources, products and industries of the state, contrasting the present development with the barrenness and wasteland of California's early history. Shows how deserts were converted into productive fields by irrigation, how mineral mining and milling activities were developed on mountain slopes, and how petroleum facilities grew up in coastal regions. Also included in the film story are scenes of redwood forests, water-power projects, citrus groves, vineyards, fisheries, cattle raising, lumbering; the production of gold, iron, and rubber; and scenes of harbors, Mt. Whitney, and Death Valley. (Coronet) el, jh, sh, c, a
NATURAL RESOURCES; U.S.–HISTORY

Camel Who Took A Walk.
6 min, Color, 1957 . . . . $6.00
An iconographic motion picture, using the original illustrations and text from the picture book by Tworkov and Duvdisin, about the dangers ahead for an unsuspecting camel. (Weston Woods) el
CHILDREN'S FILMS

Cameras and Careers.
28 min, Color, 1960 . . . . $3.50
This high-quality motion picture, aimed at 12 to 15 year-old young people, points out that there are hundreds of career opportunities in photography, some in the fields of news or portrait photography, but most in fascinating, relatively new, industrial, scientific, or business photographic specialties. The film makes it clear that photographic know-how has assumed a new importance in areas of science, business, engineering, and the professions. (Eastman Kodak Company) jh, sh
PHOTOGRAPHY; GUIDANCE, VOCATIONAL

Camouflage in Nature Through Form and Color Matching (Second Edition).
11 min, Color, 1964 . . . . $7.00
Camouflage for concealment from enemies is an adaptation for survival found in many animals. Many species of mammals, birds, reptiles, fish and insects are seen in their natural environments to illustrate their own unique variations of camouflage through color and form: protective resemblance, mimicry, counter-shading, and color matching. (Coronet) jh, sh, c
ADAPTATION (BIOLOGY); COLOR; EVOLUTION

Camouflage in Nature Through Pattern Matching (Second Edition).
11 min, Color, 1964 . . . . $7.00
As an adaptation to environment, many animals bear protective coloration that blends with their backgrounds. This film shows the bark moth, the tree frog, the ground squirrel, many birds, and the young of many mammals. Also shown are species that can change skin color to match their backgrounds, and whose body outlines are broken up by bold areas of contrasting colors. (Coronet) jh, sh, c
ADAPTATION (BIOLOGY); COLOR

Can You Hear Me?
26 min, Color, 1968 . . . . $13.00
The efforts of the family of a deaf child to provide her with a normal life illustrate the film's central message: that it is difficult but not impossible, to teach children to speak words they will never hear. (IFB) c, a
CHILD STUDY; EDUCATION, SPECIAL

Canada Goose Adventure.
11 min, Color, 1971 . . . . $7.00
Reveals the natural environment, behavior, and family life of the Canada goose and shows a unique relationship between the normally wild bird and a human family. (EBEC) el, jh
BIRDS; ANIMALS–HABITS AND BEHAVIOR

Canada's Atlantic Provinces.
14 min, Color, 1971 . . . . $8.00
Documents how water plays a major role in these four provinces whose inhabitants are mainly of French and British origin. Many inhabitants continue to lead isolated and independent lives by farming, fishing and lumbering. (Coronet) el, jh, sh
CANADA

Canada's Central Provinces.
14 min, Color, 1971 . . . . $8.00
Traces the early history and the British and French influences on the various provinces. Covers the various farming and industrial activities and life in the major cities. (Coronet) el, jh, sh
CANADA

Canada's Pacific Province and Northland.
14 min, Color, 1971 . . . . $8.00
Highlights the historical development and backgrounds of the people of this region. Shows the effect of the land, climate, natural resources, farming, and industry on their lives. (Coronet) el, jh, sh
CANADA

Canada's Prairie Provinces.
14 min, Color, 1971 . . . . $8.00
Documents the changing life in the Prairie Provinces. The traditional occupations of wheat farming, cattle raising and lumbering are contrasted with the new occupations created by technology. (Coronet) el, jh, sh
CANADA

Canada's Provinces and People: An Introduction.
14 min, Color, 1971 . . . . $8.00
Emphasizes the relation of Canada's natural resources on the lives of its people. (Coronet) el, jh, sh
CANADA

Cancer is the Next Frontier.
53 min, Color, 1971 . . . . $19.00
Examines the progress of man's struggle against cancer. There is much hope based on the progress to date but much more research remains to be done. (NBC) sh, c, a
CANCER; MEDICINE

Canon.
10 min, Color, 1964 . . . . $7.00
The musical form, canon, cleverly adapted by Norman McLaren and Grant Munro to live action and animation. (NFBC; IFB) sh,

c, a
MOTION PICTURES, EXPERIMENTAL

Cape Breton Island
21 min, Color, 1969 . . . . $3.50
Provides a number of impressions of the scenic and holiday attractions of Cape Breton Island. Presented for the most part through constantly changing visuals paced to swinging rock music. (Crawley Films Ltd.; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL

Caps for Sale.
5 min, Color, 1958 . . . . $6.00
Presents the story of the book "Caps for Sale." (Weston Woods) el
CHILDREN'S FILMS

Captain John Smith, Founder of Virginia.
18 min, B&W, 1955 . . . . $5.00
Captain John Smith describes the struggles of the men who planted the first permanent English colony in the New World. Starvation, Indian attacks, and disease slowly killed off the colonists, but Smith held the few survivors together, putting them to work building shelters and trading with the Indians. Recreates Smith's capture and his subsequent release through the intervention of Pocahontas. (EBF) el, jh, sh
U. S.–HISTORY: COLONIAL PERIOD; FOLKLORE; EXPLORERS

Carbon and its Compounds.
16 min, Color, 1971 . . . . $8.00
Shows carbon's wide variety of forms. Explains its bonding properties and compounds. Explores carbon dating through diagrams, animation and models. (Coronet) sh, c
CHEMISTRY, ORGANIC

Cardboard Cow.
15 min, Color, 1966 . . . . $3.50
Of the 129 million Americans now living in cities and suburbs, not many of them have seen firsthand the changes that science has made on the farm. Most are unaware of how closely agricultural research touches their lives. Through the eyes of a little girl, this film shows glimpses of the scientific revolution in agriculture and how the results, byproducts and benefits of agricultural research surround us in town and city. (USDA) jh, sh, c, a
AGRICULTURE; FARM PRODUCE

Care of Pets.
13 min, B&W, 1962 . . . . $3.50
Through the use of live film sequences, students are introduced to the physical and social needs of all pets. The various techniques of pet care–providing food and shelter, grooming and cleanliness, recreation and exercise– are explored in the care of such pets as canaries, tropical fish, cats and dogs. The film shows that having pets is not only fun but a serious responsibility. (EBF) el
ANIMALS–TREATMENT; ANIMALS, DOMESTIC

Care of the Young Retarded Child.
18 min, Color, 1965 . . . . $10.00
How retarded children follow the normal pattern of child development at a slower growth rate; work of psychologists in a hospital clinic; work of the public health nurse; importance of good child care and management. (CARL J. ROSS; IFB) c, a
EDUCATION, SPECIAL

Career Awareness: Air Transportation.
11 min, Color, 1973 . . . . $7.00
Acquaints students with careers from tower control to maintenance of large aircraft, illustrating interdependency of occupations within the field. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Automobile Industry.
11 min, Color, 1973 . . . . $7.00
Explores automobile industry's vital role in the economy and the need for design, production, sales, and service personnel. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Computer Industry.
11 min, Color, 1973 . . . . $7.00
Explores problem-solving possibilities of computers and careers in the computer industry. (AIMS) jh, sh
ELECTRONIC COMPUTERS; GUIDANCE, VOCATIONAL

Career Awareness: Construction Industry.
11 min, Color, 1973 . . . . $7.00
Documents construction of a house with emphasis on the numerous craftsmen required. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Health Care.
11 min, Color, 1973 . . . . $7.00
Shows medically-oriented careers under actual conditions. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Hospitality Industry.
11 min, Color, 1973 . . . . $7.00
Shows hospitality services vital to business travel and personal leisure time. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Law Enforcement.
11 min, Color, 1973 . . . . $7.00
Fast paced film covering careers from the laboratory through the courtrooms to store front community centers. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Mass Media.
11 min, Color, 1973 . . . . $7.00
An animated film portraying communication technologies that allow our society to share ideas. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Personal Services Industry.
11 min, Color, 1973 . . . . $7.00
Portrays job opportunities for skilled persons who provide a wide variety of services including hairstyling, funeral directing and pet grooming. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Awareness: Why Work?
11 min, Color, 1973 . . . . $7.00
Shows interdependency of home and business. Contrasts different reasons for working. (AIMS) jh, sh
GUIDANCE, VOCATIONAL

Career Opportunities in Retailing.
20 min, Color, 1973 . . . . $10.00
In television documentary format, the film shows interviews with employees of a major national retail chain as they explore the needs and interests of consumers. (AIMS) jh, sh, c, a
GUIDANCE, VOCATIONAL

Career Opportunities: Metal Finishing Industries.
15 min, Color, 1973 . . . . $8.00
Metal Finishing is a fast growing yet unique industry in which men starting at the bottom are rising to manage their own companies with little or no formal education. Shows what is involved in the production of finishing metals, plastics, automotive and electronic parts with gold, silver and chrome. (AIMS) jh, sh, c, a
GUIDANCE, VOCATIONAL

Careers in Engineering.
15 min, Color, 1964 . . . . $3.50
Describes the work and challenges in the field of engineering. Discusses the student most likely to succeed in engineering and recommends areas of study. (General Electric) jh, sh
GUIDANCE, VOCATIONAL; ENGINEERING

Careers in the Office: Applying for a Job.
13 min, Color, 1970 . . . . $7.00
Explains how to apply for a job, how to dress for the interview, what kind of job would be best for you and what kind of training is needed. (EBEC) jh, sh
BUSINESS EDUCATION; GUIDANCE, VOCATIONAL

Careers in the Office: Communicating with the Public.
12 min, Color, 1971 . . . . $7.00
Stresses the vital qualities for dealing with the public–courtesy, patience, tact. A series of vignettes involves the viewers in discussing solutions for these business situations. (EBEC) jh, sh
BUSINESS EDUCATION; GUIDANCE, VOCATIONAL

Careers in the Office: Getting a Promotion.
14 min, Color, 1971 . . . . $8.00
After working for a year, three girls return to their high school as consultants during a Career Day program. Although the girls' advancements are in different fields, they illustrate the same qualifications–ability and willingness to tackle their jobs with enthusiasm. (EBEC) jh, sh
BUSINESS EDUCATION; GUIDANCE, VOCATIONAL

Careers in the Office: Working Together.
12 min, Color, 1971 . . . . $7.00
A practical case study of the necessity of cooperation in an

office. (EBEC) jh, sh
BUSINESS EDUCATION; GUIDANCE, VOCATIONAL

Carnivorous Plants.
10 min, Color, 1955 . . . . $7.00
Presents the distinctive features of plants that trap insects for food. Examines the structure, ecology and behavior of Venus flytrap, pitcher plant, sundew and Utricularia. (MIS) el, jh, sh, c, a
BOTANY

Caroms.
10 min, Color, 1971 . . . . $7.00
An animated film exhibiting the relationship between a carom–a ball rebounding from a wall–and a reflection. This principle is used to solve elementary geometry inequalities leading up to an exploration of Fagnano's Problem: to find a triangle of minimum perimeter that can be inscribed in a given acute-angled triangle. (NATIONAL SCIENCE FOUNDATION; IFB) sh, c
GEOMETRY; MATHEMATICS

Case History of a Rumor.
52 min, B&W, 1964 . . . . $9.50
This documentary describes the events which took place following the rumor that the anti-Communist military maneuver, "Operation Water Moccasin," was a foreign plot to occupy Georgia and eventually all of the United States. This rumor was born of prejudice, political ignorance, and suspicion, and shows how a climate of hate, hostility and extremism is a threat to freedom and democracy. (Winner of the 1964 American Film Festival Blue Ribbon Award: Special documentary.) (CBS News; Carousel Films) sh, c, a
COMMUNICATION; SOCIAL ETHICS

Castilla la Nueva.
16 min, Color, 1969 . . . . $8.00
Presents views of the most important cities of New Castile. First we visit Toledo and see the new Bisagra gate, the Cathedral, the house of El Greco and two of his famous paintings, an artisan working in the open air, the Alcazar and several samples of Toledan craftsmanship. In Aranjuez we see the Palacio Real and the Casa del Labrador. The Valle de los Caidos and the famous monastery of San Lorenzo del Escorial are presented next. In Alcala de Henares the house in which Miguel de Cervantes Saavedra was born, the University, and the Feria are visited. After seeing the "hanging houses" of Cuenca, we go to Madrid, the capital of Spain, and view its streets and buildings, among which are the Palacio Real and the Ciudad Universitaria. (IFB) jh, sh, c
SPANISH LANGUAGE

Castilla la Vieja.
16 min, Color, 1969 . . . . $8.00
Presents historic cities of old Castile such as Segovia, Avila, Santillana del Mar, Santander and Burgos. (IFB) jh, sh, c
SPANISH LANGUAGE

Castillos en Espana.
10 min, B&W, 1953 . . . . $3.50
10 min, Color, 1953 . . . . $7.00
For use in foreign language classes. Shows some of the famous castles which gave Castile its name. Includes the Alcazar, Penafiel, Simancas, La Mota, Bellaver in Mallorca, and Moorish Alhambra. Also includes such historic monasteries as Silos, Montserrat, and the Gothic Cathedral of Burgos. Spanish sound track. (IFB) jh, sh, c
SPANISH LANGUAGE

Cat Family.
10 min, Color, 1966 . . . . $7.00
Exhibits common characteristics of 'cat family' animals differing in size, color and habitat. (BOUTON-HAWKER FILMS; IFB) el, jh
ANIMALS–HABITS AND BEHAVIOR

Catalysis.
17 min, Color, 1962 . . . . $8.00
Explains how catalysts speed up reactions without being consumed. Discusses intermediate stages, regeneration, potential energy and the reaction rate. (Sutherland Educational Films) sh, c
CHEMISTRY

Cattleman–A Rancher's Story (Second Edition).
22 min, Color, 1965 . . . . $10.00
Highlighting activities during the four separate seasons of life on a large cattle ranch, the film focuses attention on one important phase of the ranch's economy: the annual shipment of livestock to market. In dramatizing the transition between old and new methods of operation, the film shows how technology is affecting the cattle industry and the people who make ranching a way of life. (EBF) el, jh
COWBOYS: FARM LIFE; FARM PRODUCE

Caution–Danger Ahead.
15 min, B&W, 1952 . . . . $4.00
Shows the proliferation of automobiles and trucks during the early 1950's and the resulting problems of not enough highways, drunken drivers, and highway damage. Looks at some of the earliest turnpikes. (RKO-Pathe; McGraw-Hill) sh, c, a
SAFETY

Cave Ecology.
13 min, Color, 1970 . . . . $7.00
The film focuses on energy sources. Both animation and live photography of rare cave organisms are used to develop the food web concept. The film closes by comparing the cave community to the entire world. (Centron) el, jh
ECOLOGY

Cave Community.
13 min, Color, 1963 . . . . $7.00
Illustrates how the study of plant and animal life in the unusual and relatively unchanging environment of the cave community provides biologists with important data for understanding some of the mechanisms of adaptation and evolution of species. Shows the evolutionary and adaptive modifications of cave-dwelling bats, fish, salamanders, and insects. (EBF) sh, c
ANIMALS–HABITATIONS; ECOLOGY

Cave People of the Philippines.
38 min, Color, 1972 . . . . $13.00
In 1971, the 26 member Tasaday tribe was discovered, after having lived undisturbed for 400 years. This anthropological documentary may be the last chance to see them before outside contact and influence unintentionally brings about changes. (NBC) jh, sh, c, a
ANTHROPOLOGY

Cavitation.
31 min, Color, 1968 . . . . $13.00
Shows cavitation on hydrofoils, marine propellers, pumps, turbines, and dam spillways. Varies flow speed, hydrofoil incidence, ambient pressure and propeller RPM to demonstrate their effects on the strength and extent of the cavitating region. (EBEC) sh, c, a
ENGINEERING

Celestial Mechanics and the Lunar Probe.
10 min, Color, 1958 . . . . $3.50
Through animated drawings this film illustrates the rotational movements of the earth and the moon and points out how they affect man's attempts to reach the moon. (National Aeronautics and Space Administration) jh, sh, c
ASTRONOMY; SPACE FLIGHT

Cell.
10 min, B&W, 1949 . . . . $3.50
By means of photography, the living simple cell is authentically presented. Students actually see the moving, living protoplasm in a leaf; see amoeba taking food, growing, dividing; and become familiar with the functional differences in cell structure. This film teaches the basic relationship of our own living bodies to other living organisms in the world. (Coronet) jh, sh, c
CELLS; BIOLOGY

Central Africa.
20 min, Color, 1967 . . . . $10.00
Introduces the peoples of Central Africa and explores some of the complex problems of race relations existing there. (ABC; McGraw-Hill) jh, sh, c, a
AFRICA; ANTHROPOGEOGRAPHY–AFRICA

Central America: Geography of the Americas.
10 min, B&W, 1955 . . . . $3.50
The film presents an overview of the six Central American republics: Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica and Panama, and the one European possession British Honduras. The three main topographical regions of Central America: *tierra caliente* (the hot lowlands), *tierra templada* (the temperate plateau) and *tierra fria* (the cool mountain lands), are described in relationship to their climates, and the effects of the climate on the inhabitants and their chief trade crops. A brief historical survey shows Spanish influences on the area as well as the economic importance of the Panama Canal and other Central American seaports. (Coronet) el, jh, sh
CENTRAL AMERICA

Central Perspectives.
14 min, Color, 1971 . . . . $8.00
Reviews the definition of range and pencil, and discusses the transformation, central perspectivity. It presents the questions: How many points determine a perspectivity uniquely? Can a perspectivity map one given triple into another? (NSF) sh, c
MATHEMATICS

Central Similarities.
10 min, Color, 1971 . . . . $7.00
Dilatations (central similarities) are introduced to solve the problem of inscribing an ellipse to touch the sides of a given triangle at their midpoints. At one stage coordinate geometry is deliberately introduced to solve a subsidiary problem, stressing the importance of the geometric interpretation of algebraic equations. (NSF) sh, c
MATHEMATICS

Centripetal Force and Satellite Orbits.
11 min, B&W, 1962 . . . . $3.50
A series of specially designed experiments shows how mass, velocity, and radius affect the magnitude of centripetal force. A statement of the complete relationship between these factors leads to an equation which may be used in solving many problems such as the velocity needed to hold a satellite in orbit. (Coronet) sh
ASTRONOMY; PHYSICS

Chain of Life.
30 min, Color, 1970 . . . . $13.00
Man, as an end link in "The Chain of Life," is limiting his own survival when he destroys other links of that chain. A healthy environment is as essential to the survival of plants and animals as to man, who eventually must consume those plants and animals. Pesticide controls can be waged biologically rather than chemically, but, as in the case of oranges, the result is blemished orange skins and consumers would rather have "pretty" fruit than safe fruit. It is also suggested that industries involved in chemical control do not want to use biological pesticide controls due to economic interests. (NET) sh, c, a
BIOLOGY-ECOLOGY; ECOLOGY

Chairy Tale.
10 Min, B&W, 1957 . . . . $3.50
Presents a simple fairy tale of a youth and a common kitchen chair, told in ballet style without words by Norman McLaren. (NFBC; IFB) jh, sh, c, a
ALLEGORY; STORIES

Chalkboard Utilization.
15 min, B&W, 1953 . . . . $4.00
This film is designed to help teachers use the chalkboard more effectively. Film sequences include the use of comic drawings, the template method, the grid method, the pattern method, and the hidden drawing method. (McGraw-Hill) c
AUDIOVISUAL MATERIALS–UTILIZATION

Challenge of Dentistry.
30 min, Color, 1965 . . . . $3.50
A high school student visits his dentist to talk about a career in dentistry. The student asks questions and is given answers covering many aspects of the profession: academic requirements, rewards, specialization, and day-to-day work. (Association of Dental Schools and ADA) jh, sh
GUIDANCE, VOCATIONAL

Changes, Changes.
6 min, Color, 1972 . . . . $6.00
This simple story about wooden building blocks and two wooden dolls illustrates the meaning of change. As the events and situations surrounding the doll change, so do the forms they construct with the blocks. The wood motif is extended to the musical score which is performed only on wooden instruments. (Weston Woods) el
CHILDREN'S FILMS

Changing Forest.
19 min, Color, 1964 . . . . $10.00
An essay on the ecology of a deciduous forest area of the type found along the southern fringes of the Laurentian Shield, showing the forest as an integrated community of living things, both plant and animal. (McGraw-Hill; NFBC) sh, c
ECOLOGY

Changing Ghana.
19 min, Color, 1970 . . . . $10.00
Presents this African nation, independent since 1957, as a strange mixture of old traditions and modern developments. (Armanda Films; IFB) jh, sh, c
AFRICA

Changing River.
16 min, Color, 1963 . . . . $8.00
Portrays life in and along a river from its origin to the sea. Depicts the characteristic plants and animals found in a spring or pond from which a stream begins, along a small stream flowing at differing speeds, and along a larger river. Discusses ways the character of the river influences the plant and animal life along it. (Barnard; IFB) jh, sh, c
BIOLOGY–ECOLOGY

Charlemagne and His Empire.
14 min, B&W, 1962 . . . . $4.00
Filmed on sites associated with the great Frankish king, this film pictures Charlemagne's conquests, his close ties with the Roman Church, his system of government and his many contributions to life in the Middle Ages. This film shows how Charlemagne helped keep civilization and culture alive on the European continent during the early years of the Middle Ages. (Coronet) sh
EUROPE–HISTORY: 476-1492

Charlemagne: Unifier of Europe.
13 min, B&W, 1964 . . . . $3.50
Produced in France with authentic artifacts and settings of the period, this film dramatizes Charlemagne's contributions to the development of Western Europe. In describing the personal qualities and the circumstances that enabled Charlemagne to build his empire, the film also creates a vivid picture of contrasting ways of life in medieval Europe. (EBF) jh, sh
EUROPE–HISTORY: 476-1492

Charles Dickens: Background for his Works.
10 min, Color, 1949 . . . . $7.00
Filmed in England which Dickens described so well, this motion picture offers those important facts which give a richer appreciation of the writer and his times. (Coronet) sh, c
AUTHORS, ENGLISH; BIOGRAPHY; LITERATURE

Charles Dickens: Character in Action.
21 min, B&W, 1958 . . . . $5.00
This film is made up of excerpts from feature pictures produced by MGM and Universal Pictures. The selection of material in the film was made by a committee of the National Council of Teachers of English. Presents sequences from feature pictures based upon four of Dickens' works: A Tale of Two Cities, A Christmas Carol, Great Expectations and David Copperfield. The dramatizations follow the texts closely and provide a study of the adaptation of Dickens' writings to the screen. Each sequence is introduced by a statement directing attention to a particular aspect of the author's interests. (TFC) jh, sh, c
AUTHORS, ENGLISH: LITERATURE

Charting the Universe with Optical and Radio Telescopes.
13 min, B&W, 1964 . . . . $3.50
13 min, Color, 1964 . . . . $7.00
Deals with the many methods used in the exploration of the universe and their application to the spectacular discovery of one of the distant galaxies through the cooperation of radio astronomers and the Palomar Observatory. (EBF) jh, sh, c
ASTRONOMY

Chaucer's England.
30 min, Color, 1958 . . . . $13.00
Follows Chaucer's pilgrims on their way to Canterbury, telling stories as they ride. Shows some background scenery taken in England. Presents a dramatization of the 'Pardoner's Tale.' (EBEC) sh, c
AUTHORS, ENGLISH; LIBERATURE

Cheetah.
11 min, Color, 1972 . . . . $7.00
Shows the fleet cheetah, the fastest mammal, in action on the Serengeti Plains of Tanzania as it hunts its favorite prey, the Thompson's gazelle. (EBEC) el, jh
ANIMALS–HABITS AND BEHAVIOR

Chemical Bonding.
16 min, Color, 1965 . . . . $8.00
Explains chemical bonding in terms of the electric interactions that cause the bonding in the hydrogen molecule. The release of energy when H atoms combine to form H2 on a platinum surface is shown. This energy change is related to the simultaneous attraction of electrons by two or more nuclei, opposed by electron-electron and nucleus-nucleus repulsions. Through animation, the quantum mechanical view of electron distribution is portrayed. The bonding interaction between two hydrogen atoms is contrasted to the very weak, non-binding interaction between two helium atoms. (Chem Study Films; MLA) sh, c
CHEMISTRY

Chemical Families.
21 min, Color, 1962 . . . . $10.00
Starting with a display of actual samples of over 70 elements, the film demonstrates methods by which chemical similarities among the elements have provided the basis for dividing them logically into families. By experiment and observation, the metals, the non-metals, and doubtful elements are grouped. Experimentally it is shown that some of the gases are chemically reactive and some are inert. The fact that elements with atomic numbers one less and one more than the atomic numbers of the inert gases are reactive, provides the clue for finding the halogen and alkali metal families. The film demonstrates how atomic numbers have provided the key to the ordering of the elements in the periodic table. (Chem Study) sh, c
CHEMISTRY

Chemical Feast.
11 min, Color, 1972 . . . . $7.00
Comedian Marshall Ephron concocts a supermarket "lemon pie" from the raw chemicals from which it is made. Shows that many synthetic foods contain non-nourishing or harmful ingredients and are overpriced. (Benchmark Films) jh, sh, c, a
CONSUMER EDUCATION; ECOLOGY; FOOD

Chemistry of Water.
14 min, Color, 1961 . . . . $8.00
The unique properties of water and the structure and behavior of the water molecules are presented through both live action and animation photography. Film content includes formation of hydrogen bonds, water of hydration, water as a reactive substance, water reacting with non-metallic oxides and gases, and water reacting with itself (Sutherland Educational Films) sh, c
CHEMISTRY; WATER AND WATER SUPPLY

Chez Nous.
12 min, Color, 1963 . . . . $7.00
Introduces a French family from Paris and describes some of its daily activities. Shows Henri, a seventeen-year-old French boy, as he writes to a pen pal in Chicago. Describes street scenes of Paris, including the Eiffel Tower. Introduces Henri's father, mother, and two sisters. Shows members of the family at work and at school. (IFB) sh, c
FRENCH LANGUAGE

Chick Embryo Explanation.
8 min, B&W, 1959 . . . . $3.00
This technique film clearly illustrates one simple method of chick embryo explanation from the egg to an agar-growing medium in a petri dish chamber. Although the technique is of greatest value to students of experimental embryology at the university level, it is simple enough to be used by advanced students in high school for special science projects. (Thorne Films, Inc.) sh, c
EMBRYOLOGY;BIOLOGY–LABORATORY TECHNIQUES

Chick Embryo: From Primitive Streak to Hatching.
13 min, Color, 1960 . . . . $7.00
Using microphotography and time-lapse photography, this film shows in detail the development of a chick embryo from incubation to emergence from the shell. It is an ideal laboratory demonstration of one of the most fascinating life processes. (EBF) sh, c
EMBRYOLOGY

Chicken American Style.
28 min, Color, 1972 . . . . $13.00
Tells the story of the broiler industry, how it has developed, and how it provides the nation's consumers with high protein broilers. (National Broiler Council) c
FOOD SUPPLY

Chicken (Le Poulet).
15 min, B&W, 1963 . . . . $4.00
A narrative that shows the gaity and simplicity of a French family with a very imaginative child. Involves a boy who attempts to save his pet rooster from ending up on the dinner table. French dialogue with English subtitles. (Academy Award Winner: 1966) (Renn Prod.; Contemporary Films) el, jh, sh, c, a
STORIES; FRENCH LANGUAGE

Child Behavior = You.
15 min, Color, 1972 . . . . $8.00
Using animation and a humorous approach, this film informs parents of methods of altering their child's behavior without harmful side effects. Based on over 100 research studies in learning behavior. Award winner. (Benchmark Films) sh, c, a
CHILD STUDY; PARENT AND CHILD; PSYCHOLOGY

Child Care Problems of Physically Handicapped Mothers.
30 min, Color, 1957 . . . . $3.50
This film was designed primarily to orient professional personnel and lay audiences to the problems handicapped homemakers face in caring for young children. It presents sensitively some of the difficulties with which they are confronted and how various tasks are handled. The narration suggests ways in which the practices could be improved. The film is made in eight different homes and includes: one normal mother, three wheelchair mothers, one amputee, one with muscular weakness, one using a crutch, and one with leg braces. It points up the need to expand rehabilitation programs to include more of the 10,000,000 handicapped homemakers in the United States. (Cleared for Closed Circuit TV use only) (School of Home Economics, University of Connecticut, in connection with the Office of Vocational Rehabilitation) c, a
EDUCATION, SPECIAL

Child of the Future.
59 min, B&W, 1965 . . . . $10.00
Shows how some of the products of modern technology are being used in the classroom for the benefits they can offer to educators and students in the future. Dr. Marshall McLuhan, author of Understanding Media, narrates. (NFBC; McGraw-Hill) c, a
EDUCATION–METHODS; AUDIOVISUAL COMMUNICATIONS; AUDIOVISUAL MATERIALS–UTILIZATION

Children are Creative.
10 min, Color, 1953 . . . . $7.00
Produced to show teachers, parents and administrators the importance of the child's innate creative ability in his art work. Demonstrates that the job of the teacher is to help stimulate and develop the creativity of a child, not by directing him in everything he does, but by providing a suitable environment to stimulate his imagination, increasing his observation, and introducing new techniques and ideas to him. (Central Washington College of Education, BFA) c, a
EDUCATION–AIMS AND OBJECTIVES; EDUCATION–METHODS

Children in the Hospital.
44 min, B&W, 1962 . . . . $8.00
Records the spontaneous activities of children in the wards of Boston City Hospital. (Mason; IFB) a
CHILD STUDY

Children Learn from Filmstrips.
16 min, B&W, 1963 . . . . $4.00
Shows a filmstrip being used purposefully in an elementary science class. Gives several examples of ways in which a properly used filmstrip can motivate students, stimulate class discussion, develop vocabulary, convey factual information, and provide a springboard into further activities. Emphasizes the importance of having students relate the filmstrip to their current learning activities and view it with specific goals in mind. (McGraw-Hill; NFBC) c, a
EDUCATION–METHODS; AUDIOVISUAL MATERIALS–UTILIZATION

Children of the Barges.
14½ min, Color, 1973 . . . . $8.00
Presents glimpses of the daily life of a barge captain and his family who live on the barge as they travel the waterways of the Netherlands. (IFB) el, jh
CHILDREN'S FILMS

Children of the Wagon Train.
18 min, Color, 1960 . . . . $10.00
Following the Oregon Trail in 1849, this film explains some of the motivating forces behind the westward movement. Describes part of a wagon train's 2000-mile trip from Independence, Missouri, to the west coast as experienced by a 14-year-old boy. Pictures the boy's daily chores, his first encounter with Indians, and the difficulties which daily meet the train. (McGraw-Hill) el, jh
U. S.–HISTORY: 1783-1900

Children's Emotions.
22 min, B&W, 1950 . . . . $5.00
Discusses the major emotions of childhood: curiosity, fear, anger, jealousy, and joy. Examines the major causes of fear at different age levels: "suddenness" of any kind, loud noises, and "night" noises. (McGraw-Hill) c, a
PSYCHOLOGY; CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Children's Fantasies.
21 min, B&W, 1955 . . . . $5.00
To children, all fantasies, useful or destructive, are very real. This new film explores the reasons for a child's fantasies and explains

how they develop as well as how the child can be affected by them. Fantasy or daydreaming is seen here as a pastime that can be either an escape from reality or, when properly channeled, an impetus to artistic, creative living. (McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Children's Play.
27 min, B&W, 1955 . . . . $6.50
Play is a dynamic factor in a child's development as well as a requirement for good health. This film points up the changing form of children's recreation, portraying play at each age level. The film demonstrates the important contributions parents can and should make to give their children the best possible chance for healthy play. (McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

China and Its Agriculture.
16 min, Color, 1970 . . . . $8.00
Shows communal farming, mechanization, irrigation, and land reclamation projects geared to increase China's food production. (Coronet) el
CHINA; COMMUNISM

China and Its Industry.
16 min, Color, 1969 . . . . $8.00
Illustrates the expanding industrial economy of Communist China, the enlarged work force and development of natural resources. (Coronet) el
CHINA; COMMUNISM

China and Its People.
16 min, Color, 1969 . . . . $8.00
Pictures China today under Communist government as it tries to win popular support for the many changes taking place. (Coronet) el
CHINA; COMMUNISM

China: Century of Revolution–Agonies of Nationalism, 1800-1927.
23 min, B&W, 1972 . . . . $5.00
The Chinese lived by three myths; they were the world's greatest power, they were ruled by scholar princes, and their government rested on order. Film shows how these myths crumbled in early 20th C. and the Civil War that followed. (Metromedia; Films Inc.) sh, c, a
CHINA

China: Century of Revolution–Communist Triumph and Consolidation, 1945-1971.
20 min, B&W, 1972 . . . . $5.00
Reports on the events from WWII to present. Covers Communist establishment of People's Republic in Peking and President Nixon's visit to China. (Metromedia; Films Inc.) sh, c, a
CHINA; COMMUNISM

China: Century of Revolution–Enemies Within and Without, 1927-1944.
25 min, B&W, 1972 . . . . $5.00
Film presents an overview of the events in China from 1927-1944 including the Japanese invasion, the alliance with the Communists against Japan, and the end of WWII. (Metromedia; Films Inc.) sh, c, a
CHINA; COMMUNISM

China: Feeding One-Fourth of the Human Race.
16 min, Color, 1967 . . . . $8.00
Examines the great problems facing China in her race to keep food production ahead of her population explosion. (Sandler-Wald; McGraw-Hill) jh, sh, c
CHINA FOOD SUPPLY

China: Hole in the Bamboo Curtain.
28 min, Color, 1972 . . . . $13.00
Peeks into the mainstream of life in Red China. Shows home interview with a rice farmer and a factory worker, mass production of art for export only and the use of acupuncture in a wide-ranging cultural survey. (WWL-TV; Carousel) jh, sh, c, a
CHINA; COMMUNISM

China: Industrial Revolution.
16 min, Color, 1967 . . . . $8.00
Explores China's search for and discovery of the basic raw materials she will need to make her an industrial giant. (Sandler-Wald; McGraw-Hill) jh, sh, c
ANTHROPOGEOGRAPHY–FAR EAST; CHINA

China–Open Door? Part I.
20 min, Color, 1972 . . . . $10.00
John Roderick describes China's recent history including the rise of communism and Mao Tse-tung's revolutionary government. (Associated Press, Cal. Ind.) sh, c, a
CHINA; COMMUNISM

China–Open Door? Part II.
20 min, Color, 1972 . . . . $10.00
Tells of the events which alter the course of China's destiny including Mao's prophetic rise to power, the international consequences of the Korean War, and the explosion of China's first nuclear bomb. (Associated Press, Cal. Ind.) sh, c, a
CHINA; COMMUNISM

China–Open Door? Part III.
20 Min, Color, 1972 . . . . $10.00
The China of today–the China which has opened its door to the western world is examined. Its entrance to the U.N. and President Nixon's visit to Peking are two of the events discussed. (Associated Press; Cal. Ind.) sh, c, a
CHINA; COMMUNISM

China: A Portrait of the Land.
18 min, Color, 1967 . . . . $10.00
A look at six major regions–Manchuria, North China, South China, Inner Mongolia, Sinkiang Province, and Tibet–whose economic progress is to a great extent determined by the land. (EBEC) jh, sh
CHINA; COMMUNISM

China: Social Revolution.
17 Min, Color, 1967 . . . . $8.00
Examines the changes that have been taking place in China since the fall of the Manchu Dynasty in 1911. Describes in detail the takeover of the Communist Party and the men who were involved in it. Probes the mistakes as well as the advances that have moved China into the forefront of world attention in the last few years. (Sandler-Wald; McGraw-Hill) jh, sh, c
ANTHROPOGEOGRAPHY–FAR EAST; CHINA

China Today.
22 min, Color, 1972 . . . . $10.00
John Chancellor is the commentator on this recently made film on modern China. It shows a planned society concentrating on the areas of economics, agriculture, education, and medicine. (NBC) jh, sh, c, a
CHINA; COMMUNISM

China Under Communism.
22 min, B&W, 1964 . . . . $5.00
22 min, Color, 1964 . . . . $10.00
This film is a pictorial report on China under Communism. John Strohm, U. S. Newsman and World Correspondent, through his unrestricted travels and talks with the people, shows Chinese life on farm and in commune, in city and village, and in the factory. (EBF) jh, sh, c
CHINA; COMMUNISM

China's Industrial Revolution.
15 min, Color, 1967 . . . . $8.00
Shows how the Communists are trying to change a land of artisans and peasants into a modern industrial nation with world power. The film reveals the difficulties–untrained manpower, lack of machines and workers for industrial growth, and lag in modernized agriculture. (EBEC) jh, sh
CHINA; COMMUNISM

China's Villages in Change.
21 min, Color, 1967 . . . . $10.00
A Swiss cameraman's visit to three villages in South China, North China, and Inner Mongolia shows the Communists' attempts to change the centuries-old tradition with the introduction of modern improvements. (EBEC) jh, sh
CHINA; COMMUNISM

Chinese Legends, Gods & Prophets.
9 min, Color, 1974 . . . . $15.00
Investigates the profound insights of oriental myth, religion, and philosophy. Begins with relics from the Shang Dynasty which represent the earliest recorded expression of Chinese man's search for answers to the mysteries of life. Explains the three major Chinese religions: Buddhism, Confucianism, and Taoism. Emphasizes that all religions are unified by certain underlying truths and highlights the relevance of Chinese religions for contemporary Western man. (Sumner Glimcher; Mass Communications, Inc.) sh, c, a
CHINA; FAR EAST; MYTHOLOGY; PHILOSOPHY; RELIGION

Chocolate.
4 min, Color, 1970 . . . . $6.00

A visit to a chocolate processing plant and a factory where the raw chocolate is made sweet and used to make chocolate-covered cherries. (NBC) el
CHILDREN'S FILMS

Choice is Yours.
23 min, Color, 1969 . . . . $3.50
Five young people and three adults discuss the problem of liquor in today's society. The film contains a color sequence depicting the effects of alcohol in beer, wine, whiskey and emphasizes crime, accidents, and absenteeism as results of drinking. (WTCU) jh, sh
ALCOHOLISM; GUIDANCE, PERSONAL; SOCIAL PROBLEMS

Choice Not Chance.
25 min, Color, 1973 . . . . $10.00
Utilizing a highly visual approach, this film documents current career education programs which demonstrate effective techniques both in and out of the classroom. (N. J. Dept. of Ed.; VC) sh, c, a
EDUCATION; GUIDANCE, VOCATIONAL

Choosing a Classroom Film.
18 min, B&W, 1965 . . . . $5.00
The specific purposes for which educational films are produced, and the selectivity which the teacher should apply in choosing the most appropriate films to meet his goals for the class are demonstrated through the use of a wide selection of recently produced films. Illustrations are shown of the ways in which various film techniques, such as photomicrography, time-lapse photography, and animation, can help overcome barriers to learning. (McGraw-Hill) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Choosing a Job.
12 min, Color, 1970 . . . . $7.00
The school counselor places Carol in a career education program so that she can try out a number of jobs. Shows how such career programs may save young students from frustrating job-hopping after finishing school. (EBEC) jh, sh
BUSINESS EDUCATION; GUIDANCE, VOCATIONAL

Chosen Child.
54 min, B&W, 1963 . . . . $9.50
This film is a study of the tragedies and happiness surrounding child adoption. The camera follows a childless couple to a New York adoption agency where interviews are shown with case workers. Through these interviews the painstaking methods of the agency are shown to assure the establishment of a happy family. The controversy over adoption by private placement or by public agency is explored. The tragic aspects of adoption are also touched upon. (McGraw-Hill; NBC) c
SOCIAL PROBLEMS

Christianity in World History (To 1000 A.D.).
14 min, B&W, 1963 . . . . $4.00
Historic sites in Italy, the Holy Land and Turkey provide the setting for this study of Christianity as a political, cultural and moral movement. Analyzing the rapid growth from its beginning under the Roman Empire to the schism between Churches of East and West in 1054 A.D., this film stresses the role of Christianity as a powerful force in the emergence of modern Europe. (Coronet) sh, c
HISTORY, UNIVERSAL; RELIGION; RELIGION–HISTORY

Christmas Time in Elkhorn.
30 min, B&W, 1952 . . . . $6.50
Shows life in an American community during the 1952 Christmas holidays. (March of Time; McGraw-Hill) c, a
HOLIDAYS

Chromatography.
48 min, Color, 1970 . . . . $19.00
Introduces the theory and principles of chromatography as a separation technique, and the variants of the method: gas chromatography, liquid column chromatography including ion exchange and gel permeation chromatography, also, paper and thin-layer chromatography. (Wiley) c
CHEMISTRY

Chromophobia.
11 min, Color, 1968 . . . . $8.00
Uses animation to present the dilemma of a society which is caught by a militaristic dictatorship. (Raoule Service For The Ministry Of National Education & Culture; IFB) jh, sh, c, a
ALLEGORY; SOCIAL PROBLEMS

Chromosomes of Man.
20 min, B&W, 1969 . . . . $5.00
Demonstrates methods of preparing cells for chromosome study in the laboratory and illustrates the advance of chromosome research. Photomicrography of cell division shows how chromosomes split and build up two daughter sets. Shows abnormal chromosome arrangements and analysis used in cancer research (Tokyo Cinema; EBEC) jh, sh
BIOLOGY–LABORATORY TECHNIQUES; CELLS; GENETICS–HUMAN

Cicada – The Insect Methuselah.
12 min, Color, 1955 . . . . $7.00
The seventeen year "locust" or cicada lives longer than any other insect. Its precisely timed life cycle is shown to be vital to its survival. Models and close-up photography are used to explain the adult insect's remarkable ovipositor and sound organ (MIS) el, jh, sh, c, a
INSECTS AND SPIDERS

Circus Baby.
5 min, Color, 1956 . . . . $6.00
Tells the story of the mother elephant who learns that she shouldn't try to get her baby to act like a human. (Weston Woods) el
CHILDREN'S FILMS

Circus Day in our Town.
15 min, B&W, 1950 . . . . $4.00
By means of this interesting film, youngsters can experience vicariously some of the most valuable and thrilling moments of a three ring circus. The film story deals with such important aspects as unloading the circus, building the tent city, the midway and the big show. (EBF) el
STORIES

Circus: Serrina Becomes an Acrobat.
11 min, Color, 1971 . . . . $7.00
Shows how a young girl trains for the circus trapeze at a summer camp for acrobats, describes the hard work, diligence and patience necessary for the development of such skills. (EBEC) el
CHILDREN'S FILMS

Circus Town.
48 min, Color, 1971 . . . . $19.00
Peru, Indiana, once the winter quarters of six American circuses, is the home of many retired performers who train the town's young for yearly circus performances. Shown are the tension, discouragement and work, forgotten in the exhilaration of a show well done. (NBC) el, jh, sh, c, a
DRAMA

Cities are Different and Alike.
11 min, Color, 1970 . . . . $7.00
Shows differences and similarities regarding schools, jobs, transportation, civic pride and the desire to solve problems (Coronet) el
CHILDREN'S FILMS

City Driving Tactics.
17 min, Color, 1965 . . . . $8.00
Rome, Paris, Tokyo, traffic compared to the U.S.A. To enjoy the distinction of being the world's best drivers, six guideline factors are set forth regarding: Sight–Speed–Turns–Signals–Signs–Space. (AIMS) jh, sh, c, a
SAFETY EDUCATION

City in Winter.
10 min, B&W, 1969 . . . . $3.50
10 min, Color, 1969 . . . . $7.00
A family takes a walk through snow-covered streets on a zero day. Depicts many familiar scenes for language art development. (EBEC) el
LANGUAGE ARTS

City of Gold.
23 min, B&W, 1959 . . . . $5.00
This film compresses into twenty-three minutes the story of the life and death of the last major gold rush–the glory of the frenzied stampede into the Klondike in the late 1890's and a nostalgic picture of the Yukon's Dawson City. Written and narrated by Dawson-born Pierre Berton, the film reconstructs scenes as they were when men by the thousands flocked into this frozen frontier in search of their Eldorado, 2,000 miles north of civilization. (McGraw-Hill) sh, c
ALASKA; U. S.–HISTORY

Civil Disorder: The Kerner Report, Part I.
31 min, B&W, 1968 . . . . $6.50
Several examples of what the Kerner Report called "the

polarization of the American community" are presented. These include a statement of the goals of the Negro revolution by a Negro militant and scenes of white housewives learning to shoot to kill. The need for sufficient funds to finance a more positive approach is emphasized by the late Dr. Martin Luther King. A project in Brooklyn which successfully eliminated many riot-inciting grievances demonstrates what private business can do. (NET: Indiana) sh, c, a
BLACK AMERICANS; SOCIAL CONFLICT; SOCIAL PROBLEMS

Civil Disorder: The Kerner Report, Part II.
25 min, B&W, 1968 . . . . $5.00
A continuation of Part I which presents examples of efforts to relieve Negro underemployment and a review of the Kerner Report as a social document by author James Baldwin. The Rev. Leon H. Sullivan describes how the Opportunities Industrialization Center works. The activities of the Urban League are described by Whitney Young in several excerpts from his speeches. James Baldwin comments that the Kerner Report is honest but inadequate and that racism is a threat to all Americans. (NET; Indiana) sh, c, a
BLACK AMERICANS; SOCIAL CONFLICT; SOCIAL PROBLEMS

Civil Disorder: The Kerner Report, Part III.
24 min, B&W, 1968 . . . . $5.00
Three prominent Negroes analyze the Kerner Report in terms of whether or not they believe anything will be done in response to the report and if there still is time. Charles V. Hamilton, black nationalist leader and co-author of *Black Power: the Politics of Liberation;* Bayard Rustin, eminent Negro spokesman; and psychology professor Kenneth Clark participate in a panel discussion. The panel members cite earlier reports which were never acted on and otherwise indicate their pessimism with regard to progress this time. (NET; Indiana) sh, c, a
BLACK AMERICANS; SOCIAL CONFLICT; SOCIAL PROBLEMS

Civil War.
14 min, Color, 1954 . . . . $8.00
This film chronologically follows the most important military events of the war between the North and the South, stressing social, economic, and geographical factors which ultimately forced the South to capitulate. Techniques such as animated drawings and color photography portray in an imaginative and realistic way the strategy and geographical setting on which the war was fought. (EBF) sh, c
U. S.–HISTORY: CIVIL WAR

Civil War: 1863-1865.
16 min, B&W, 1964 . . . . $4.00
Analyzing the positions of the North and the South midway in the war, this film follows the course of the conflict up to the assassination of President Lincoln. Dramatic reenactments, combined with historical photographs and prints trace the key events of those terrible years, into Chancellorsville, Gettysburg, Vicksburg, Lookout Mountain, Sherman's march to the sea, and Lee's surrender at Appomattox Courthouse. (Coronet) jh, sh, c
U. S.–HISTORY: CIVIL WAR

Civil War: Background Issues (1820-1869).
16 min, B&W, 1963 . . . . $4.00
This film analyzes forty years of compromise which bridged differences between the economics and ways of life of the South and the North. The compromises are embodied in five major legislative issues: The Missouri Compromise: The Wilmot Proviso; The Compromise of 1850; The Kansas-Nebraska Act and the Dred Scott Decision. The breakdown of legislation to resolve the differences is seen as the crucial action in the events which led to the Civil War. (Coronet) jh, sh, c
U. S.–HISTORY: CIVIL WAR

Civil War: First Two Years.
16 min, B&W, 1963 . . . . $4.00
Costumed re-enactments at authentic locales trace the course of the war from the firing on Fort Sumter to McClellan's victory at Antietam. Animated maps and many original graphic materials contribute to an understanding of specific campaigns and over-all strategy. The film analyzes the relative strengths and weaknesses of both the North and the South, and discusses the political and economic issues of the period. (Coronet) jh, sh, c
U. S.–HISTORY: CIVIL WAR

Civil War: Postwar Period.
16 min, B&W, 1964 . . . . $4.00
The problems faced by the nation are clarified through a variety of historical materials combined with live-action scenes. The film analyzes the years of crises, bitterness, and lack of understanding, the conflict between the conservative President Johnson and the radical Congress, the "Carpetbag" legislation and reconstruction and the birth of protest groups such as the Ku Klux Klan. (Coronet) jh, sh, c
U. S.–HISTORY: CIVIL WAR

Clean Waters.
24 min, Color, 1956 . . . . $3.50
The film shows the beauty and economic importance of clean water and dangers of pollution to city water supply systems, recreational facilities and public health. The method of preventing this pollution–proper sewage treatment–is explained by animated diagrams. (GE) jh, sh, c, a
ECOLOGY; NATURAL RESOURCES; WATER AND WATER SUPPLY

Climates of the United States.
11 min, B&W, 1962 . . . . $3.50
From subarctic to tropical Savanna, this film surveys the climatic regions of the United States, and shows how these regions are determined by such geographical factors as latitude, large bodies of water, ocean currents, altitude, and winds. The film emphasizes the influence of climate on our homes, clothing, activities, and the crops we raise. (Coronet) el, jh
ANTHROPOGEOGRAPHY–NORTH AMERICA; CLIMATE; GEOGRAPHY

Clothes Around the World.
11 min, Color, 1969 . . . . $7.00
Wearing apparel varies as a result of climate, materials, customs, methods of manufacture and the movement of people and ideas from place to place. (Coronet) el
CLOTHING AND DRESS

Clothing.
11 min, B&W, 1955 . . . . $3.50
Develops the reasons why people require different clothing for protection and comfort in various lands–Fiji Islands, Eskimos in Canada, Arabs in the Middle East. Compares the differences in clothing needs of the American pioneer days and the present time, and includes a sequence on the tanning and processing of leather. (EBF) el, jh
CLIMATE; CLOTHING AND DRESS

Clothing and Fashion: A History.
26 min, Color, 1972 . . . . $13.00
Surveys the evolution of fashions in clothing from Egyptian times to present. (Zagreb Films; Benchmark Films) jh, sh, c, a
CLOTHING AND DRESS; HISTORY, UNIVERSAL

Clouds of Venus.
30 min, Color, 1962 . . . . $3.50
This film documents the planning, launching and indicates results to date from the space probe Mariner II. Information relayed by Mariner II during its passage by the planet Venus on December 14th is included as are some of the scientific conclusions from this information. (National Aeronautics and Space Administration) jh, sh
ASTRONOMY; ATMOSPHERE; SPACE FLIGHT

Coconut: The Mother Tree.
18 min, Color, 1972 . . . . $10.00
The coconut tree provides man with most of the necessities of life on the islands of Fiji and Tonga, and is cultivated and improved by him. The film shows how the coconut has traveled with wind and tide, how it grows and bears fruit and is harvested. The products of the tree are related by the film to the economy and culture of the islands. (IFB) jh, sh
BOTANY

Collage-Exploring Texture.
13 min, Color, 1961 . . . . $7.00
Shows an art class wherein children five to eight years old are encouraged to select materials to be put together to form a collage. (Hammid; IFB) el, jh
ART–STUDY AND TEACHING

Colloids.
10 min, B&W, 1938 . . . . $3.50
A pictorial portrayal of colloidal suspensions. Among the representative examples of colloidal suspensions are: fog (liquid in gas), whipped cream (gas in liquid), clay and india ink (solid in liquid), and mayonnaise (liquid in liquid). Failure to settle is explained by Brownian Movement protective films and charges on particles. The Cottrell process of smoke precipitation concludes the presentation. (EBF) jh, sh, c
CHEMISTRY; PHYSICS

Colombia and Venezuela.
19 min, B&W, 1962 . . . . $5.00
The basic characteristics and problems of these neighboring

countries are outlined in this film. It points out the survival of Spanish feudalism and its relation to present socio-economic conditions. Contrasts in ways of living are illustrated by a Colombian coffee grower, a Lake Maracaibo oil worker, and a Venezuelan professor. The nature and utilization of major topographical features and natural resources are discussed. (EBF) el, jh, sh
SOUTH AMERICA; ANTHROPOGEOGRAPHY–SOUTH AMERICA

Colonial Children.
11 min, B&W, 1939 . . . . $3.50
Depicts the self-sufficient home life of Colonial times. Shows in detail the furnishings, clothing, customs and events in a Colonial family's day from morning chores to the reading of Scripture by the fireside in the evening. (EBF) el, jh
FRONTIER AND PIONEER LIFE

Colonial Expansion.
11 min, B&W, 1942 . . . . $3.50
Provides a graphic story of the trend of expansion in North America from 1492 to the Revolutionary War. Utilizes authentic animated maps to explain the struggle for dominance by the English, French, and Spanish. Traces the economic developments in the various colonies, and analyzes the political significance of each major phase of the expansion to 1763. (EBF) el, jh, sh, c, a
U.S.–TERRITORIAL EXPANSION; U.S.–HISTORY: COLONIAL PERIOD

Colonial Expansion of European Nations.
13 min, B&W, 1955 . . . . $3.50
What impelled large numbers of Europeans to settle in strange, unknown lands during the 16th and 17th centuries? The answer is part of the exciting story of the period of colonial expansion, when nations sought to gain great empires–empires that have influenced the course of history to the present day. (Coronet) jh, sh, c
EUROPE–HISTORY: 1492-1789

Colonial Family of New France
14 min, B&W, 1958 . . . . $4.00
In authentic settings, colonial family life in New France is depicted in about 1700. On the St. Lawrence River in French Canada, the industrious Tremblet family is shown on a tenant farm experiencing everyday hardships and pleasures, along with a freedom unknown in the Old World. A visiting priest and voyager bring in other facts of life in New France. (Coronet) jh
CANADA; HISTORY

Colonial Life in the Middle Colonies.
10 min, Color, 1955 . . . . $7.00
The general character of life in the pre-Revolution middle colonies is portrayed through re-enacting the trip of a post rider as he carries mail from Philadelphia to New York. The people, geographic influences, and contributions of the middle colonies to our national tradition are emphasized in this film. (Coronet) el, jh
U.S.–HISTORY: COLONIAL PERIOD

Colonial Life in New England.
10 min, Color, 1955 . . . . $7.00
In this graphic presentation, designed to show how New England colonists lived in the pre-revolutionary period, costumed re-enactments portray the ways they lived in a rural New England community, earned their living and participated in local governments. A young lawyer describes the way of life in cosmopolitan Boston and the economic restlessness caused by the English government. (Coronet) el, jh
U.S.–HISTORY: COLONIAL PERIOD

Colonial Life in the South.
13 min, Color, 1955 . . . . $7.00
In following the journey of a surveyor who visits a frontier tobacco farmer and a tidewater plantation owner, the characteristic social and economic life of the southern colonies in the pre-revolutionary period are shown. Filmed at authentic Colonial restorations, many utensils, household articles and fashions of the period are shown to create the feeling and mood of life in the southern colonies. (Coronet) el, jh, sh
U.S.–HISTORY: COLONIAL PERIOD

Colonial Living.
15 min, Color, 1957 . . . . $8.00
Reconstructs life in the colony of Virginia in the mid-1700's, showing scenes of everyday life and the production of necessities such as candles, newspapers, cloth, and bread, together with the fashions, arts, and crafts of the time. (IFB) jh, sh
U.S.–HISTORY: COLONIAL PERIOD

Colonial Printer.
25 min, Color, 1952 . . . . $10.00
Depicts methods of printing books, newspapers and other items in eighteenth century America. The struggle for freedom of the press is a part of the film story. (Colonial Wmsburg-Films) el, jh, sh, c, a
PRINTING; CIVIL RIGHTS; U.S.–HISTORY: COLONIAL PERIOD

Colonial Shipbuilding and Sea Trade.
11 min, B&W, 1958 . . . . $3.50
Economic factors are shown that led to the development of Colonial shipbuilding and sea trade; the need for exchanging goods among the Colonies and with Europe, New England geography, available skilled workers and business investors. Viewers learn how Colonial trade routes were established and the effect of restrictive English navigation laws. (Coronet) el, jh
U.S.–HISTORY: COLONIAL PERIOD; SHIPPING; ECONOMICS

Color.
6 min, Color, 1954 . . . . $6.00
In this film, children will explore new wonders of color in nature, in pigments, in yarn, clay, wood, and other art materials. Avoiding formal color harmonies, the film stimulates interests in experimentation and encourages children to put colors together in their own way. (EBF) el
ART; COLOR

Color Keying in Art and Living.
10 min, Color, 1951 . . . . $7.00
The film provides a dramatic study of color relationships. It employs abstract demonstrations of color deceptions followed by practical applications. Color relations are applied to art subjects and to the aspects of everyday life such as hair, eyes, complexion, dress and home decoration. A useful film wherever color is important. (EBF) jh, sh, c
ART; COLOR

Columbia River (Revised Edition).
11 min, Color, 1965 . . . . $7.00
Colossal, multi-purpose dams introduce us to the importance of the Columbia River System, the world's largest single source of hydroelectric power. Historical footage of floods, the initial construction of Grand Coulee, and the U.S.-Canadian agreements for further development, detail man's triumphs in harnessing the great waterway for industrial power, irrigation and navigation. (Coronet) jh, sh
WATER AND WATER SUPPLY; NATURAL RESOURCES; RIVERS

Combustion.
15 min, Color, 1958 . . . . $8.00
The film presents the fire triangle to visualize conditions necessary for combustion, the need for all parts of the triangle to be present, factors involving the rate of combustion, and spontaneous ignition. The extent and the results of partial and complete combustion are shown as well as industrial use of combustion. (Sutherland Productions) sh, c
CHEMISTRY

Common Fallacies About Group Differences.
15 min, B&W, 1958 . . . . $4.00
Many popular notions about races, heredity and group differences are wholly wrong, yet remain widely accepted because most people in their thinking about human relations, tend to cherish beliefs and ignore facts. This film analyzes seven such common notions in the light of known scientific evidence, and shows in what ways they are all fallacies. (McGraw-Hill) c
SOCIAL GROUPS

Communications Casebook Series.
9 min, B&W, 1956 . . . . $3.00
Consists of four short, dramatic episodes, each designed to stimulate discussion of a specific aspect of good employee supervision. (Henry Strauss Distributing Company) c, a
COMMUNICATION; BUSINESS EDUCATION

Communications Primer.
20 min, Color, 1954 . . . . $10.00
Made for the University of Georgia as an educational experiment. It is a brilliantly lucid exposition of all the essential elements of communication: message, signal, interference and reception, with a kaleidoscope of examples from calligraphy, painting, reading, the transmission of stock quotations and telegrams, storm signals, hieroglyphs, and a small incidental essay on the ways of saying "I love you." Its analysis of how messages are sent and received in a series of small "decisions" is particularly complete and clear. (Charles and Ray Eames) sh, c

AUDIOVISUAL COMMUNICATIONS; COMMUNICATION; MOTION PICTURES, EXPERIMENTAL

Communications Westward.
30 min, B&W, 1949 . . . . $6.50
This film based upon Wells Fargo (Paramount), is a dramatic portrayal of the importance of communications in the growth of our country. Sequences depict the "forty-niners" moving westward in their covered wagons; land and sea communication routes; the rough and ready justice of the mining camps; a stagecoach gold shipment robbery; the first hazardous trip of the Missouri to California Overland Express and the subsequent importance of the Overland Express to the Union during the Civil War. (TFC) jh, sh, c
COMMUNICATION; HISTORY; U.S.–HISTORY: 1781-1900

Communities Depend on Each Other.
11 min, Color, 1969 . . . . $7.00
Shows how communities depend on each other for food, clothing, and many services and how transportation and communication makes this exchange possible. (Coronet) el
COMMUNITY LIFE

Communities Keep Clean.
11 min, Color, 1969 . . . . $7.00
Interesting close-ups of men and machines show such activities as street cleaning, water purification, park upkeep, air pollution control and landfill projects. (Coronet) el
COMMUNITY LIFE

Community.
11 min, Color, 1963 . . . . $7.00
Introduces the concept of the ecological community. Shows the complex network of interrelationships among a group of plants and animals adapted to the same general physical conditions, and demonstrates that each organism in a community plays a particular role. Food chains and food webs of typical biotic communities are illustrated. (EBF) sh, c
ECOLOGY

Community Governments: How They Function.
13 min, B&W, 1953 . . . . $3.50
The purpose of this film is to emphasize the need for participating citizenry if good community government is to function. The citizens of Riverside, dissatisfied with their community, look into the advantages and disadvantages of the mayor-council, city manager, and commission forms of government–and learn that the active participation of the people and their cooperation in solving problems of local government, is an integral part of community progress. (Coronet) jh, sh, c
MUNICIPAL GOVERNMENT

Community Mental Health.
31 min, B&W, 1960 . . . . $6.50
Shows how a community, once it sees the need for mental health facilities, can work together to achieve a broad mental health program. (MHFB) c, a
COMMUNITY SERVICES; MENTAL HEALTH

Community Services.
11 min, Color, 1968 . . . . $7.00
Acquaints the student with the service helpers who work in our communities. Service, maintenance, and the economics involved are depicted. (AIMS) el, jh
COMMUNITY LIFE; COMMUNITY SERVICES

Competition in Business.
14 min, B&W, 1961 . . . . $4.00
This film explains the concepts underlying business competition and shows how competition and its key factor, variety, are basic to our free enterprise system. We learn how competition, both direct and indirect, works on several levels, including price, service, quality, and the development of new and improved products. (Coronet) jh, sh
BUSINESS: ECONOMICS

Computer Glossary.
10 min, Color, 1967 . . . . $17.00
A live action prologue takes the viewer along an actual computer data path; then animation is used to define and illustrate such computer-related terms as hardware, mnemonic, and Boolean Logic. (EAMES; EBEC) jh, sh, c
ELECTRONIC COMPUTERS; FUTURE STUDIES

Conceptual Models.
19 min, Color, 1971 . . . . $10.00
This film reviews the mathematical modeling process and examines various numbers and their uses, leading to the concept of "order of magnitude." It also looks at linear, squared and cubed relationships and shows that order of magnitude differences develop quickly. (NBC) jh, sh, c, a
MATHEMATICS

Conference: A Problem in Education Administration.
13 min, B&W, 1960 . . . . $3.50
Shows the gradual disintegration and ultimate failure of a conference between two quarrelsome language teachers and their well-intentioned but ineffectual principal. The conference, although allowing each teacher to air her differences, does nothing toward a settlement of the problems involved. Shows how the situation, as handled by the principal, gets out of control. The film is intended for use in graduate courses in educational administration and should be of value to business and industrial organizations and other groups interested in conference analysis. (Ohio State University) c, a
BUSINESS EDUCATION; COMMUNICATION; EDUCATION

Conflict.
18 min, B&W, 1956 . . . . $5.00
Four basic types of conflict are dramatized in this film. The situations presented are typical problems of high school or college students. These same types of conflict are then demonstrated with rats under laboratory-controlled situations. The film establishes that experiments with rats make it possible to isolate some basic principles about conflict. These principles help in analyzing and interpreting the complex behavior of adult human beings. (McGraw-Hill) c
PSYCHOLOGY, COMPARATIVE

Congress.
20 min, B&W, 1963 . . . . $5.00
Describes the expressed and implied powers of Congress; explains the relationship between Congress and the other branches of the government and the procedures through which Congress enacts laws and directs federal policies. Authentic scenes filmed in Washington show how a legislative committee works. (EBF) jh, sh, c
U.S.–GOVERNMENT; U.S.–CONSTITUTION

Connecticut in Profile.
40 min, Color, 1966 . . . . $3.50
Traces Connecticut's progress in agriculture, manufacturing, transportation, education, banking, and other businesses. It contrasts shining new urban centers with the attractive natural environments. (Dan Stiles Associates) el, jh, sh, c, a
U.S.–STATES; NATURAL RESOURCES; U.S.–HISTORY

Connecticut-Something Old, Something New.
20 min, Color, 1967 . . . . $10.00
A travelogue on Connecticut, this film shows the highlights of the Nutmeg State such as examples of colonial and modern architecture, a country fair, the Mystic Harbor whaling museum, the Shakespeare Festival Theater at Stratford, as well as scenes of its natural beauty. (Fiorelli Films; Conn. Development Commission) el, jh, a
U.S.–STATES

Connecticut Yankees in the Jet Age.
15 min, B&W, 1957 . . . . $3.50
This film, produced for the Department of Aeronautics by United Aircraft Corporation, depicts the aircraft industry in Connecticut, including manufacturing, general airline and jet aviation activities. (UAC) jh, sh, a
AERONAUTICS; U.S.–STATES

Conquest.
25 min, B&W, 1940 . . . . $5.00
Emphasizing character study, the classroom version of "Conquest" presents a realistic portrayal of Napoleon. The character analysis of the dictator is well developed, revealing the traits which drove him to heights of power and finally to defeat. Valuable background material is provided in such sequences as the court reception, the retreat from Moscow and the period of exile on the island of Elba. (TFC) jh, sh, c
EUROPE–HISTORY: 1789-1900; PSYCHOLOGY

Conquest of the Atom.
22 min, Color, 1958 . . . . $10.00
Re-creates experiments of atomic scientists J.J. Thomson, Ernest Rutherford, Sir John Cockcroft, Sir James Chadwick, and Hahn and Stassman. (Educational Foundation for Visual Aids; IFB) sh, c
ATOMIC ENERGY; SCIENCE, GENERAL

Conservation and Balance in Nature.
18 min, Color, 1963 . . . . $10.00

Investigates the balance in natural ecological systems and what man is doing to his environment. (IFB) sh, c
ECOLOGY

Conservation for Beginners.
11 min, Color, 1967 . . . . $7.00
Introduces the importance of soil, plants, wildlife and water, and ways of taking care of these natural resources. (Coronet) el
CONSERVATION

Conserving Our Mineral Resources Today.
11 min, B&W, 1966 . . . . $3.50
As our industrial society consumes more mineral resources, the decreasing supply of such irreplaceable materials as coal, oil, stone, and metals make conservation a problem for today. Conservation for better living requires development of renewable resources such as waterpower to conserve non-renewable coal, more efficient mining and extraction methods; and new sources of power, such as nuclear and solar energy. (Coronet) el, jh
MINES AND MINERAL RESOURCES; NATURAL RESOURCES

Constitution of the United States.
16 min, Color, 1955 . . . . $8.00
A written constitution, binding upon all citizens, is the foundation of our democratic system. Its makers were men well fitted for great works, but this far-reaching document was their supreme accomplishment. (EBF) jh, sh, c
U.S.–CONSTITUTION; U.S.–HISTORY: REVOLUTION; CIVIL RIGHTS

Consumer Education: Buying An Automobile.
15 min, Color, 1973 . . . . $8.00
Emphasizes the "do's" and "don'ts" of buying a car: financing; insurance; dealing with salesmen; buying used cars from private parties; and other related aspects. (AIMS) jh, sh, c, a
CONSUMER EDUCATION

Consumer Education: Buying In A Supermarket.
15 min, Color, 1973 . . . . $8.00
Gives hints as to how to select product and for what purposes: Quality or quantity. With the great variety of products available, hints as to how to get the best value for your money. (AIMS) jh, sh, c, a
CONSUMER EDUCATION

Consumer Education: Maintaining An Automobile.
11 min, Color, 1973 . . . . $7.00
Emphasis is placed upon: choosing a qualified garage or mechanic; dealing with dishonest mechanics; knowing how, when and where to purchase accessory equipment and parts for your car. (AIMS) jh, sh, c, a
CONSUMER EDUCATION

Continental Congress–1776.
38 min, Color, 1972 . . . . $13.00
Comments that could have been made by Thomas Jefferson and Benjamin Franklin are interspersed with those of contemporary politicians and scholars concerned with governmental evolution. They offer ideas about changes that they feel are required in the Constitution because of the needs of a changing society. Their ideas could be the basis for a Continental Congress in 1976. (NBC) jh, sh, c, a
U.S.–HISTORY; REVOLUTION

Continents of the World.
16 min, Color, 1969 . . . . $8.00
Vic learns major features of the continents by comparing North America's coastlines, plains, highlands, and population patterns with those of other countries. (Coronet) el
CHILDREN'S FILMS; GEOGRAPHY

Controlled Photographic Lighting.
9 min, Color, 1959 . . . . $6.00
Demonstrates the placement of lights, quality of light and lighting ratio. Considers the functions of main, fill, background and accent lights as used for TV, outdoor and flash photography. (Indiana University) sh, c, a
PHOTOGRAPHY

Controlling Behavior Through Reinforcement.
16 min, B&W, 1956 . . . . $4.00
By reinforcing an organism on different schedules, we can control how fast it works as well as the way it distributes that work within a given period of time. This is demonstrated with pigeons using varying reinforcement schedules. Similar experiments with reinforcement schedules are made in a typical elementary school classroom. The results of each of these schedules are seen. The film shows that variable-interval reinforcement has a satisfactory result on all organisms. This schedule usually produces behavior that is extremely persistent and difficult to extinguish. (McGraw-Hill) c
PSYCHOLOGY, COMPARATIVE; EDUCATIONAL PSYCHOLOGY

Controversy Over Industrial Pollution: A Case Study.
23 min, Color, 1972 . . . . $10.00
When the Anaconda Aluminum Company opened a plant at Columbia Falls, Montana, the town grew and prospered. Then in 1968, after a plant expansion, poisonous flouride emissions began to damage trees for miles around. All sides of the resulting controversy are presented objectively in this film. (EBEC) jh, sh, c
ECOLOGY; POLLUTION

Controversy Over the Moon
16 min, Color, 1971 . . . . $8.00
The film presents the "controversy" concerning the geological make-up of the moon. Two eminent scientists interpret available data and discuss reasons for their divergent views. (EBEC) jh, sh
ASTRONOMY; GEOLOGY

Cooperation, Competition, Conflict.
9 min, B&W, 1959 . . . . $3.00
How the three fundamental social processes–competition, conflict and cooperation–operate to make society function is demonstrated in this film. The necessity for cooperation and its prevalence is shown. The presence of all three basic processes in any one instance of social interaction is strikingly shown in a courtship scene. (McGraw-Hill) sh, c
PSYCHOLOGY; SOCIOLOGY

Cooperation Is Our Business.
22 min, Color, 1971 . . . . $10.00
Explores many of the problems of both rich and poor countries in the world today, and stresses the need for international cooperation in solving these problems. Shows how the cooperative efforts at research and discussion among the member countries of the Organization for Economic Cooperation and Development (OECD) are leading to solutions for some of the problems of large and small countries alike. (OECD; IFB) sh, c
INTERNATIONAL COOPERATION

Coral Wonderland.
20 min, Color, 1950 . . . . $10.00
Shows the coral growth of the Barrier Reef Islands coming to life under the microscope, and the reef's unique fishes and underwater creatures. (ADI AustrlNews & Inf-Bur) jh, sh, c, a
OCEANS; MICROSCOPY; BIOLOGY

Corazon de Castilla.
10 min, B&W, 1953 . . . . $3.50
For use in foreign language classes. Scenes in Castile, heart of the Spanish peninsula. Includes Plaza de Cibeles, Plaza Mayor, and University of Madrid; walled town of Avila with medieval castle and El Escorial, typical renaissance building; La Granja; Toledo; and Segovia with its ancient Roman aqueduct. Spanish sound track. (IFB) sh, c
SPANISH LANGUAGE

Corn Farmer.
11 min, B&W, 1961 . . . . $3.50
The film gives a concise picture of the problems and methods of the Iowa corn grower, using a typical corn belt family as its model. Depicted are the family's activities in planting, harvesting, marketing, as well as incidental interests such as crop rotation, home canning, and politics. (EBF) el, jh, sh
AGRICULTURE–ECONOMIC ASPECTS

Corporation.
53 min, B&W, 1973 . . . . $9.50
Candid look at the American corporate mind which reveals its attitudes, goals and ethics. Shows how corporations look from the perspective of the executive suite and how "corporate society" is paternalistic, inspires loyalty, shapes attitudes, enforces rules, and rewards and punishes. Phillips Petroleum, the 36th largest corporation in the U.S., is the representative company chosen for investigation in this documentary. (CBS; Carousel) sh, c, a
BUSINESS; SOCIAL CONDITIONS; SOCIOLOGY

Correlations Within The Periodic Table Melting Points.
4 min, Color, 1971 . . . . $6.00
Indicates major correlations between melting points of elements and their position in the periodic table, using three-dimensional bar graph to illustrate. (EBEC) sh, c
CHEMISTRY; SCIENCE, GENERAL

Cotton Farmer: Our Changing Way of Life.
14 min, Color, 1963 . . . . $8.00

Reveals evidence of increasing mechanization in the cotton industry and its effects on the people and the economy. Illustrates cotton production from the seed on the farm to the processing of raw cotton into finished cloth. (EBEC) jh
ECONOMICS; FARM PRODUCE

Courtesy for Beginners (Second Edition).
11 min, B&W, 1967 . . . . $3.50
Jimmy learns that courtesy is a way of making everyone feel good. With a tape recorder, his class practices greetings and other courtesies; then we see the same courtesies in real situations; how to make others feel welcome, making introductions, taking turns, being courteous listeners, and the importance of please, thank you and excuse me. (Coronet) el
SOCIAL ADJUSTMENT

Cow.
11 min, Color, 1968 . . . . $7.00
A beauty-filled exploration of cows; the texture of noses, the shapes of bodies. Grinding of jaws, chewing of cuds, swishing of tails. No narration. (Churchill) el
CHILDREN'S FILMS

Cow Who Fell In The Canal.
9 min, Color, 1970 . . . . $6.00
Relates a Dutch cow's adventures as she floats down a canal and gallops through the city's cobblestoned streets, looking at store windows, sniffing bicycles, and causing great commotion in the cheese market. (Weston Woods) el
CHILDREN'S FILMS

Crayon.
15 min, Color, 1964 . . . . $8.00
Explores the techniques of rubbing, resist, sgraffito, printmaking, encaustic, batik. (Winner of four awards) (ACI Productions) el, jh, sh, c, a
ART–STUDY AND TEACHING

Creating Instructional Materials.
15 min, B&W, 1965 . . . . $4.00
In a series of classroom scenes involving students of different grade levels and in different curriculum areas, this film shows that the creation of instructional materials contributes significantly to the student's learning experience. Primary grade pupils learning to read, a junior high school science class, and a group of high school social studies students all engaged in do-it-yourself activities which are of value in gaining first-hand information and in providing motivation for further research and learning. The important role of the teacher in all of these creative activities is emphasized. (McGraw-Hill) c, a
AUDIOVISUAL MATERIALS–PRODUCTION; EDUCATION–METHODS

Creating Clothing.
16 min, Color, 1973 . . . . $8.00
Exposes sewing students to the underlying principles of creating clothing, rather than teaching them a series of rules. The behavior and quality of fabrics, as well as how these relate to the successful manipulation of fabrics are explained and illustrated. Pattern choice, style, fabric chosen, and ways of cutting and fitting fabrics become integrated in the viewers' minds so that they can see the "why's" of clothing making as a whole. (Wiley) sh, c, a
CLOTHING AND DRESS; HOME ECONOMICS; SEWING

Crime and the Courts.
37 min, B&W, 1971 . . . . $6.50
Documents the overburdened judicial system's attempts to cope with the growing crime rate, necessity of probation reform, public pressure to crack-down on criminals and the high rate of re-imprisonment. (CBS; Carousel) jh, sh, c, a
CRIME AND CRIMINALS; SOCIAL PROBLEMS

Crime in the Home.
22 min, Color, 1973 . . . . $10.00
Dramatic vignettes demonstrate effective means of protecting yourself and your property. Covers: doors, windows, locks, guns, confrontation, property identification, empty homes, etc. (AIMS) sh, c, a
CRIME AND CRIMINALS; SAFETY EDUCATION

Crime On the Streets.
18 min, Color, 1972 . . . . $10.00
Proposes ways to protect yourself and your property against street crimes so that you can minimize the chances of being the victim. (AIMS) sh, c, a
CRIME AND CRIMINALS; SAFETY EDUCATION

Crisis House.
22 min, Color, 1970 . . . . $10.00
A halfway house for young people caught up in drugs. Discussions range beyond drugs to concerns about personal identity, parents, peer pressures and other matters troubling youth. (Churchill) sh, c
DRUG EDUCATION

Critical Path.
16 min, Color, 1964 . . . . $8.00
Discusses the need for critical evaluation of ideas encountered in reading. Points out elements to be considered in making judgments and highlights steps followed in evaluating both fiction and nonfiction works. (Costain; IFB) c, a
LITERATURE–HISTORY AND CRITICISM

Crocodile.
29 min, Color, 1972 . . . . $13.00
Film version of Dostoyevsky's classic short story which explores the relationship between the individual and state through the humorous tale of a man swallowed by a crocodile. (EBEC) jh, sh
LITERATURE

Cross Section of Central America (Guatemala).
20 min, B&W, 1950 . . . . $5.00
In Guatemala resources and ways of life vary with topography and changes in altitude. In hot, humid low altitudes, tropical products are raised. The middle level is the zone of coffee culture. At the high temperate level farm crops of vegetables and grains are raised. (UWF) el, jh, sh, c, a
CENTRAL AMERICA; FARM PRODUCE; GEOGRAPHY

Crosstown Adventure.
14 min, B&W, 1970 . . . . $4.00
14 min, Color, 1970 . . . . $8.00
A captivating story is interrupted at its climax, inviting the viewers to imagine what will happen next. Three alternate endings are presented for comparison after the viewers have had time to think of their own. (Moreland-Latchford Prod. Ltd.; EBEC) el
STORIES; LANGUAGE ARTS

Crow Boy.
13 min, Color, 1971 . . . . $7.00
A poignant tale about the intolerance of a small boy's classmates and how, finally, his own strange talent wins for him the admiration of the community. Original scenes endow this story with deep significance. (Weston Woods) el
CHILDREN'S FILMS

Crusades.
29 min, B&W, 1935 . . . . $6.50
"The Crusades" presents a vivid dramatization of the efforts of the Christians to recapture the Holy Land from the Saracens, with emphasis upon the leading figures and events for the Third Crusade. Of special interest are the reproductions of the weapons used in the battle sequences. The dress of the characters, particularly the armor of the knights, affords excellent opportunity for study and discussion of period costume, while the sets of Marseilles and Acre provide an interesting contrast between eastern and western architecture and background. Such episodes as that of the council of the Kings of the Crusade give life and significance to the leading personalities and the events in which they participated. (TFC) jh, sh, c
EUROPE–HISTORY: 476-1492; RELIGION–HISTORY; ISRAEL

Crustaceans: Lobsters, Barnacles, Shrimp and Their Relatives.
13 min, Color, 1956 . . . . $7.00
This film will give students a unique opportunity to observe the appearance, habitat, and behavior of the most important types of crustaceans. The distinguishing feature of the five types of crustaceans are illustrated with rare close-up views of the animals in their natural environment. (EBF) sh, c
MARINE BIOLOGY; ZOOLOGY

Cry Help!
83 min, Color, 1970 . . . . $20.00
This study focuses on three mentally disturbed teenagers. It observes their participation in an enlightened program which uses devices such as video tape, self analysis, psychodrama and body awareness to help them regain their emotional stability and function once more in society. (NBC) sh, c, a
PSYCHOLOGY

Crystal Gazing.
12 min, Color, 1954 . . . . $7.00
Crystals are all about us, from caves to the kitchen table. Cave crystals such as stalactites and stalagmites reveal the important role of water in crystal formation. The microscope reveals a wealth of brilliant crystalline formations in common substances such as table salt, alum, sugar and other substances. The study of

crystal structure is shown to play a vital part in microchemistry. (MIS) jh, sh, c
CHEMISTRY, INORGANIC

Crystals and Their Structures.
22 min, B&W, 1965 . . . . $5.00
Crystals have plane faces, sharp edges, sharp melting points, and may cleave easily to give new plane surfaces. Crystals also interact with x-rays to produce well-defined diffraction patterns. Such properties lead us to believe that crystals are composed of regular, repeating arrangements of atoms. The film raises the question of how we actually discover these arrangements. Experiments are then performed in a ripple tank on an unknown crystalline array so that the student sees the principles and measurements by which actual crystal structures are determined. (Chem Study Films; MLA) sh, c
CHEMISTRY, INORGANIC

Cuba: The Land and the People.
11 min, Color, 1967 . . . . $7.00
The film vividly illustrates the close relationship between Cuba's tropical climate and its way of life. On the 700-mile trip from Havana to Santiago we meet many of the different types who make up Cuba's mixed population, and see details of its agriculture, industry and mining. The film points out the strategic location of the island and its important to American security. (Coronet) el, jh, sh
ANTHROPOGEOGRAPHY–NORTH AMERICA; CUBA

Cube.
56 min, B&W, 1968 . . . . $9.50
In this surrealistic drama, a man–any man, every man–seems trapped in a cube. Intensity builds so much that he fears he is losing touch with reality. Surprisingly, he gets hold of himself and marches out of the cube. Free...or not? (NBC) jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL; PSYCHOLOGY

Cubism.
21 min, Color, 1970 . . . . $10.00
Traces the development of Cubism as a style of painting through works of the artists who experimented with it. (IFB) sh, c
ART, MODERN

Cup to Lip: The Origin of Instrumental Action.
14 min, B&W, 1972 . . . . $4.00
This film studies the child's mastery of his environment, particularly tools and implements that will help him carry out his activities as an adult. (John Wiley and Sons, Inc.) sh, c
CHILD STUDY; PSYCHOLOGY

Curious George Rides A Bike.
10 min, Color, 1958 . . . . $7.00
An iconographic motion picture based on the children's book of the same title by H.A. Rey. (Weston Wood [illegible] el
CHILDREN'S FILMS

Curves.
15 min, Color, 1969 . . . . $8.00
Illustrates the definition of curves through a number of everyday examples. Shows how to generate many curves, pointing out interesting applications along the way. Explains briefly the circle, ellipse, parabola, hyperbola, spiral, sine curve, compound sine curve, cycloid, hypo-cycloid, and polar curves. (AIMS) jh, sh, c
MATHEMATICS

Curves of Constant Width.
16 min, Color, 1971 . . . . $8.00
This film begins with ideas such as simple closed curves, convexity, line of support, width of a region; then proceeds to a discussion of curves of constant width; and finally shows how to construct a wide variety of curves of constant width. (NSF; IFB) sh, c
MATHEMATICS

D

Dada.
31 min, B&W, 1969 . . . . $6.50
Both the history and the nature of this rebellious movement in modern art and literature are evoked by the words and works of the Dadaists appearing in this film. (Procine; IFB) c, a
ART, MODERN; LITERATURE

Dance: Four Pioneers.
30 min, B&W, 1966 . . . . $3.50
Introduces four choreographers – Martha Graham, Doris Humphrey, Charles Weidman, and Hanya Holm – who revolted against the conventions of ballet to produce American modern dance. (NET) sh, c, a
DANCE

Dance On Film: 1894-1912.
20 min, Color, 1968 . . . . $3.50
Represents the first dancers ever photographed in motion as well as some of the first moving pictures ever produced. Shows the traditional approach to dance during this period. (Distribution limited to Connecticut users.) (AAP) c, a
DANCE

Dance Squared.
4 min, Color, 1961 . . . . $6.00
The geometry of the square and its related parts. Stresses the point that geometrical concepts underlie every movement and suggest many ideas for those interested in mathematics to search through. (NFBC; IFB) jh, sh, a
GEOMETRY; MATHEMATICS

Dancer's World.
30 min, B&W, 1957 . . . . $6.50
Martha Graham discusses the dancer as a creative artist explaining the craft simply and clearly while members of the company execute a dance to illustrate her theories. Excerpts are given from the company repertoire. (Rembrandt Films; Kathan Kroll) jh, sh, c
DANCE; ART

Danger – Poison.
13 min, Color, 1968 . . . . $7.00
Encourages safe practices and a healthy respect for the potentially dangerous materials found in and around the home; poisonous products which may, or may not be so labelled. (AIMS) el, jh
SAFETY EDUCATION

Daniel Boone.
17 min, B&W, 1950 . . . . $4.00
Well-known wilderness scout of the Kentucky frontier. Quaker background. Youth in Pennsylvania and North Carolina. Active in the French and Indian Wars. (EBF) el, jh, sh, c, a
BIOGRAPHY; EXPLORERS; U.S.–HISTORY: 1783-1900

Daniel Webster.
17 min, B&W, 1951 . . . . $4.00
Traces the development of the qualities and skills which made him the leading orator of his day as well as a distinguished lawyer, and a spokesman for American national power and unity. (EBF) el, jh, sh, c, a
BIOGRAPHY; STATESMEN; U.S.–HISTORY: 1783-1900

Danube–The Valley and Its People.
14 min. Color, 1964 . . . . $8.00
Explains why the eighteen-hundred mile Danube River Valley has been slow in its industrial development, and how communism has brought sudden, drastic changes resulting in the expansion of manufacturing facilities, and the urbanization of former agricultural areas. (EBF) jh, sh, c, a
ANTHROPOGEOGRAPHY–EUROPE; COMMUNISM

Daring Polar Exploits of the Nineteenth Century.
11 min, B&W, 1966 . . . . $3.50
The remarkable and dangerous adventures of early Arctic explorers such as Sir John Franklin, Sir John Ross, Dr. Kane and Commander Hall are woven together from engravings and prints, highlighted by accounts of the white man's first encounters with the Eskimos. (Americana Foundation, Inc.; Coronet) jh, sh, c
EXPLORERS; HISTORY

Darius Green and His Flying Machine.
5 min, Color, 1968 . . . . $6.00
This animated story of a boy who dares to defy the elements of nature is based on early American folklore. (AIMS) el, jh
CHILDREN'S FILMS

Dark Corner of Justice.
38 min, Color, 1970 . . . . $13.00
Many prisoners suffer under the worst of conditions–even while awaiting trial. For those who are proved guilty, what could be the beginning of a constructive path to readjusted attitudes and a better life becomes a place where frustration and hostility build to volcanic proportions. (NBC) sh, c, a
CRIME AND CRIMINALS; SOCIAL PROBLEMS

David Taylor Model Basin.
28 min, Color, 1964 . . . . $3.50

David Taylor Model Basin is located on the Potomac, twelve miles from Washington. It is a Research Facility for the improvement of naval hardware, boats, and planes. Shows testing hulls and propeller designs in specially designed tanks. New materials for ship construction go through a myriad of testing processes with the emphasis on applied research. This research facility is also concerned with plane and missile design. For this work wind tunnels are used in testing. Both vertical lift-off and propeller driven ground craft are being studied. (USN) c
U.S.–NAVY

Days of Dylan Thomas.
21 min, B&W, 1965 . . . . $5.00
Music, photographs and narration–including selections spoken by Thomas himself–present the life and works of the Welsh poet who became a legend in his own lifetime. (CINE award winner) (Rollie McKenna; Contemporary) sh, c, a
POETRY

Dead Birds.
83 min, Color, 1963 . . . . $20.00
Reveals the elaborate system of constant welfare and ritualistic revenge which is the core of the life style of the Dani, a people of western New Guinea. (Robert Gardner; Contemporary) jh, sh, c, a
ANTHROPOLOGY

Dear Kurt.
24 min, Color, 1973 . . . . $10.00
Shows Kurt's attempts to win a soap-box derby. Even though he loses he has learned an important lesson–no matter how hard you try you can't always win. (Weston Woods) el, jh
CHILDREN'S FILMS

Debt to the Past: Government and Law.
16 min, Color, 1964 . . . . $8.00
Discusses the American system of government and law as a precious gift from the past. Analyzes its structure and function as defined by the Constitution. Shows that the American system was not completely original with the Founding Fathers, but that their work sprang from a heritage thousands of years old. Shows many examples from this heritage, including centralized government being developed in Egypt, democracy coming from Greece, representative government from Rome, and values and moral standards from Hebraic-Christian sources. (MIS) jh, sh
HISTORY; POLITICAL SCIENCE

Debt to the Past: Language and Communication.
16 min, Color, 1962 . . . . $8.00
This film emphasizes the several stages through which written languages developed: pictographic, ideographic, and phonetic, and points out how flexibility and versatility result from the use of the 54 phonemes of the English language. (Moody Institute of Science) jh, sh
COMMUNICATION–HISTORY

Debt to the Past (Motivational).
21 min, Color, 1962 . . . . $10.00
Makes a strong statement about our dependence on the past. Gives an overview of the past as a rich and colorful legacy. Among the many dazzling gifts from the past are language, agriculture, science, mathematics, architecture, commerce and government and law. The film also dramatically demonstrates what modern man's life would be like if these gifts from the past were suddenly taken away. (MIS) jh, sh
HISTORY

Debt to the Past: Science and Technology.
16 min, Color, 1965 . . . . $8.00
Shows how scientists work and traces the development of their method to the origins of modern experimental science, some 400 years ago. Examines the basic belief of science that nature is rational and orderly, and explores the ancient roots of this belief. Challenges the student to add to our great heritage in science and technology. (MIS) jh, sh
HISTORY; SCIENCE, GENERAL

Declaration of Independence by the Colonies.
16 min, Color, 1955 . . . . $8.00
The circumstances and results of this historic statement of democratic principles have stirred men's hearts many times and in many places. "Life so dear and peace so sweet" were risked in the cause of liberty; for some the price was death, but for future generations the price was freedom. (EBF) jh, sh, c
DEMOCRACY; U.S.–HISTORY: REVOLUTION

Decline of the Roman Empire.
14 min, B&W, 1959 . . . . $4.00
In 200 A.D. Rome was a far-flung empire which reached from the Middle East to Spain, from Northern Africa to Great Britain. In 476, it was invaded and looted by barbarian tribes and ceased to exist as an empire. This film covering this dramatic period used actual settings in France, England, the Near East and Rome itself to present the political, social, and economic forces which weakened the Empire from within and the forces from without which brought about its decline. (Coronet) el, jh, sh
EUROPE–HISTORY: TO 476; ITALY

Deer Family of North America.
18 min, Color, 1965 . . . . $10.00
Origins, ranges, habitats, characteristics and life histories of moose, elk, caribou, and deer; migration and evolution; adaptations to terrain and climate; special survival needs; conservation. (Berlet; IFB) jh, sh
ADAPTATIONS (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

Defensive Driving Tactics.
12 min, Color, 1965 . . . . $7.00
Gives the ABC's of defensive driving. Vignettes of "offender-type-drivers" emphasize the need for practicing defensive tactics. (AIMS) sh, c, a
SAFETY EDUCATION

Defining Democracy.
18 min, B&W, 1954 . . . . $5.00
This film combines content formerly contained in two separate film subjects, Democracy, and Despotism. Conditions in a community which tend towards democracy or despotism are illustrated. (EBF) jh, sh, c
DEMOCRACY

Demonstration for Solubility Product Calculations.
8 min, Color, 1970 . . . . $6.00
Shows results when five samples of a solution of a given chloride ion concentration are added to a succession of lead ion solutions of increasing concentration, so chosen that two samples give no precipitate while three give precipitates in successively greater amounts. (EBEC) sh, c
CHEMISTRY, INORGANIC; SCIENCE, GENERAL

Demonstration of Electronegativity.
4 min, Color, 1970 . . . . $6.00
Illustrates the concept of electronegativity, the quantitative measure of the electron-attracting ability of atoms in light of their ionization potential and the electron affinity of individual atoms. (EBEC) sh, c
CHEMISTRY; SCIENCE, GENERAL

Demonstrations with Light.
12 min, Color, 1956 . . . . $7.00
Specially designed laboratory equipment is used to illustrate the various theories of light...its nature, speed, and means of propagation. Persistence of vision is explained and illustrated. (MIS) jh, sh, c
PHYSICS; LIGHT; SCIENCE, GENERAL

Dentistry Through the Ages of Man.
23 min, Color, 1967 . . . . $3.50
After a brief introduction contrasting the world of modern dentistry with that of prehistoric man, the film demonstrates the need for dental care throughout life. It demonstrates the need for care of primary teeth, proper diet, fluoridation and space maintainers. It shows x-rays, restorations, typical orthodontic problems and basic treatment. It reveals adult problems and corrective measures, including periodontia, oral surgery and prosthetics. The viewer learns that preventive dentistry is a good investment and that a conscientious program of early prevention and care leads to better health throughout life. (Rocky Mountain Dental Products Company; ADA) el, jh, c, a
HYGIENE; GROOMING, PERSONAL; TEETH

De Paseo Por Xochimilco.
10 min, Color, 1963 . . . . $7.00
A Mexican boy narrates, in normally paced Spanish, this visit to picturesque Xochimilco, famed for its flower-bedecked boats and floating islands. (IFB) jh, sh
SPANISH LANGUAGE

Depart de Grandes Vacances.
11 min, B&W, 1948 . . . . $3.50
The Martins, a French family, live in a suburb of Paris with their three teen-age children. (Educational Foundation for Visual Aids; IFB) jh, sh, c
FRENCH LANGUAGE

Department Manager.
27 min, B&W, 1958 . . . . $6.50
In this film about supervision, we observe the change in a man who was moved up the ladder from creative work, which he

enjoyed and in which he excelled, to managerial work. It points out the effects, on both the worker and the company, of promoting a man to a "better" job for which he is not suited. (NFBC; McGraw-Hill) c
PERSONNEL MANAGEMENT

Depressive States: I (Mental Symptons No. 6).
12 min, B&W, 1951 . . . . $3.50
A demonstration of some manifestations of the agitated forms of severe depression. A middle-aged male patient suffering from recurrent depressions is presented. The patient is shown on two occasions, first in the evening and again the following morning, noting the symptoms of pronounced motor agitation, depressed mood, feelings of hopelessness and sinfulness, and distinct fluctuation in his mood during the course of the day. For professional audiences only. (NFBC; McGraw-Hill) c
PSYCHOLOGY

Depressive States: II (Mental Symptoms No. 7).
11 min, B&W, 1951 . . . . $3.50
A demonstration of some manifestations of the retarded form of depression and of a severe depression which has reached the point of attempted suicide. Two patients are shown. The first, a middle-aged woman, presents a picture of depression which is characterized by pronounced retardation. She has become extremely slow in her movements, speech and mental processes. The second is a young woman whose depression is the final reaction to an unbearable life situation and who has twice attempted suicide. For professional audiences only. (NFBC; McGraw-Hill) c
PSYCHOLOGY

Desert.
22 min, B&W, 1963 . . . . $5.00
22 min, Color, 1963 . . . . $10.00
Illustrates the interrelationships between plant and animal life and the physical environment of the desert. The geographical locations of desert areas, their ecological conditions, the causes of their formation, and their aridity are shown. Describes the adaptive mechanisms of a wide diversity of plant and animal life to the hot, arid desert environment. (EBF) sh, c
ECOLOGY; ADAPTATION (BIOLOGY); ANIMALS–HABITS AND BEHAVIOR

Desert Caravan.
13 min, Color, 1971 . . . . $7.00
The Sahara is exotic yet hostile. The film follows a twelve year old nomad boy on his first trip with a camel caravan on the 1,000 mile journey through the parched yet beautiful landscape until they reach the market where they will trade their salt cargo. (NBC) jh, sh
AFRICA; DESERTS

Desert Ecology.
14 min, Color, 1970 . . . . $8.00
Introduces the elementary science class to plants and animals living in a hot desert climate. (IFB) jh, sh, a
DESERTS; ECOLOGY

Desert Nomads.
20 min, B&W, 1950 . . . . $5.00
In hot, dry lands that are almost barren of resources, the people are chiefly concerned with obtaining food and water. Because they have to move from place to place, people of these regions are nomads. Nomad tribes living in the Sahara consist of several families who live together. They raise camels and goats. Camels are the chief means of earning a livelihood and sole means of transportation. It is as important to feed the animals as themselves. Upon the command of the chief the tribe gathers its belongings and moves to new pastures. Periodically, nomads go to the city to sell camels and camel's hair products. At oases they get water, and with the oases farmers, they trade animal product for food, such as dates, grains, and vegetables. The oasis shows that where there is water in the desert the land can be cultivated. (UWF) el, jh, sh, c, a
ANTHROPOGEOGRAPHY–AFRICA

Design for Living.
19 min, Color, 1965 . . . . $10.00
Presents principles of good design as they relate to furnishings and objects common to the home. (IFB) sh, c, a
HOME ECONOMICS

Design into Space.
10 min, Color, 1961 . . . . $7.00
Students demonstrate the procedures that may be applied to fashion a space design: the making of the initial sketch, three-dimensional model and final structure. Steps in the creation of space designs of metal, plastic and other materials are shown. Views of completed pieces will motivate and inspire art classes. (IFB) sh, c
ART–STUDY AND TEACHING; DESIGN

Design to Music.
6 min, Color, 1949 . . . . $6.00
Explains that design is all around us–in nature, in clothes, in painting, and in music. (IFB) el, jh
ART; MUSIC

Design with Paper.
10 min, Color, 1961 . . . . $7.00
Starting with simple, basic folds, these designs with paper advance to more complex, three-dimensional forms, which are made possible by measuring, scoring, folding and pasting. Among the created forms are a globe, pleated columns and concentric curved shapes. The basic instruction of this film will permit students to advance to creative experimentation and to explore fundamental principles of form and structure. (IFB) sh, c
ARTS AND CRAFTS

Detached Americans.
33 min, B&W, 1964 . . . . $6.50
Explores the problems of apathy and refusal to get involved prevalent in America today. Pinpoints disturbing examples and suggests the break-down of family ties is a causal factor. (WCAU-TV; Carousel) jh, sh, c, a
FAMILY; SOCIOLOGY

Determination of the Triple-Point of Water.
25 min, Color, 1971 . . . . $10.00
Illustrates detailed procedures for preparing the internationally defined triple-point of water temperature reference, the temperature of equilibrium among ice, liquid, water, and water vapor. (EBEC) sh, c
SCIENCE, GENERAL

Detroit Zoo–A Modern Noah's Ark.
26 min, Color, 1963 . . . . $13.00
Sees various animals of the zoo. Also behind-the-scenes activities important to the successful operation of a zoo. (IFB) el
CHILDREN'S FILMS

Deutschland Heute.
17 min, Color, 1969 . . . . $8.00
This study of German political history and the foundations of modern Germany opens with reference to Charlemagne and culminates in an explanation of Germany's present political system with its parliament at Bonn. (IFB) sh, c
GERMAN LANGUAGE FILMS

Developing Reading Maturity: Comparative Reading.
11 min, B&W, 1964 . . . . $3.50
By comparing articles in two encyclopedias, Jeff gains an understanding of differing definitions in geography; comparing two theories in astronomy, he expands his understanding of scientific inquiry. Linda comes to know Mark Twain through his works and through works about him. Don develops insights into Pilgrim life through comparative investigations of materials that differ in literary form. (Coronet) jh, sh
READING

Developing Reading Maturity: Interpreting Meaning.
11 min, B&W, 1964 . . . . $3.50
Examples drawn from the writings of Theodore Roosevelt, Donne, Emerson, Swift, Shakespeare, and from the Declaration of Independence, coupled with imaginative film techniques, lead to an understanding of the process of interpretation. We see that this process involves first understanding the literal meaning, exploring other possible meanings, then checking one's interpretation and applying it. (Coronet) jh, sh
READING

Developing Reading Maturity: Understanding Style.
11 min, B&W, 1964 . . . . $3.50
A writer's purpose, choice of literary form, and characteristic language patterns all are part of his style. Selections from the works of a number of writers are analyzed to show how an author's style reflects his personality. By developing an awareness of style, a reader can learn to know a writer better, and thus develop a greater appreciation of what he has to say. (Coronet) jh, sh
READING

Developing Responsibility.
11 min, Color, 1970 . . . . $7.00
Shows that responsibilities often entail difficult decisions and missing out on fun, but that the rewards more than compensate. (Coronet) el
GUIDANCE, PERSONAL

Development Characteristics of Pre-Adolescents.
18 min, B&W, 1955 . . . . $5.00
As the child grows toward maturity, successive stages of development are apparent–each stage has a distinctive pattern of behavior. A study of the daily life of an eight-year-old girl and a nine-year-old boy illustrates the chief development characteristics of pre-adolescents. Their patterns of behavior provide information on developing a curriculum suitable to their needs and educational experiences. (McGraw-Hill) c
EDUCATIONAL PSYCHOLOGY

Development of Individual Differences.
13 min, B&W, 1956 . . . . $3.50
No two individuals are alike. Differences result from both heredity and environment. This film reviews and illustrates what is known and generally accepted about the relative influence of those two factors. Through a comparison of two brothers, and a study of another family, the three principal ways in which family resemblances in behavior are handed on from generation to generation are demonstrated. (McGraw-Hill) c
PSYCHOLOGY

Development of Transportation in the United States.
11 min, B&W, 1958 . . . . $3.50
This film brings up to date the popular first edition which surveyed the rapid growth of transportation in the United States from the time when Indians had no wheel and no beast of burden to the present day when jet aircraft can span the continent in a few hours. It reviews the economic and social significance of modern transportation facilities in permitting free intercourse between peoples of the world. (EBF) jh, sh
TRANSPORTATION

Diary of a Harlem Family.
20 min, B&W, 1969 . . . . $5.00
A poignant view of the plight of one family living in New York City's black Harlem, seen through the photographs of Gordon Parks. Parks' story reveals an all-too-common tragedy: inadequate educational background; restricted job opportunities; a lack of food and adequate heating; the drinking of the father and the despair of the mother; and the hostility and violence that can result. The impotence of poverty agencies or others to help leaves the family's difficulties unsolved. (NET; Indiana) sh, c, a
BLACK AMERICANS; SOCIOLOGY

Digestion of Foods.
11 min, B&W, 1938 . . . . $3.50
A summary of the digestive process including the work performed in the mouth, stomach, and small intestine. Secretions enzymes, systems affected, and products formed. Microphotography of reactions, digestive movements and their control. Relation of the circulatory and nervous systems to the digestive process. (EBF) jh, sh, c
PHYSIOLOGY

Digestive System.
16 min, B&W, 1964 . . . . $4.00
16 min, Color, 1964 . . . . $8.00
Combines highly detailed, creative animation with actual laboratory research techniques. Presents a vivid, descriptive illustration of the complex process of human digestion. An entirely new visual treatment including scenes of human digestion filmed by X-ray motion picture photography. (EBF) jh, sh
BIOLOGY; PHYSIOLOGY

Dihedral Kaleidoscopes.
13 min, Color, 1966 . . . . $7.00
This motivational film presents basic ideas of symmetry by physically exhibiting the dihedral groups with reflections in two intersecting mirrors and with three mirrors arranged so that each pair forms a dihedral kaleidoscope. (NSF; IFB) sh, c
MATHEMATICS

Dinosaurs – The Age of the Terrible Lizard.
7 min, Color, 1970 . . . . $6.00
A humorous, animated, but thoroughly factual account of the Dinosaur Age. (EBEC) jh
CHILDREN'S FILMS; PALEONTOLOGY

Dinosaurs – The Terrible Lizards.
11 min, Color, 1970 . . . . $7.00
Uses dimensional models moving in miniature sets to bring the age of the dinosaurs to realistic life. An overview of what these animals looked like, what they are and how they lived and died. (AIMS) el, jh
CHILDREN'S FILMS; PALEONTOLOGY

Directions for Beginners: North, South, East, West.
11 min, Color, 1970 . . . . $7.00
On a camping trip, Steve learns how to use the sun, stars, and a compass to find directions. (Coronet) el
SCIENCE, GENERAL

Discovering Art Series: Discovering Color.
16 min, Color, 1960 . . . . $8.00
Film demonstrates the techniques of color mixing and explores the great variety of color seen in the world around us. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Composition in Art.
16 min, Color, 1964 . . . . $8.00
Illustrates several guides for developing composition in a drawing or painting. (Award Winner)(Paul Burnford; BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Creative Pattern.
17 min, Color, 1965 . . . . $8.00
Film shows how man makes use of pattern, a visual organization in his art, weaving, printed textiles, architecture, painting, and sculpture. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Ideas for Art.
16 min, Color, 1965 . . . . $8.00
Film demonstrates how in creating art, we make inventive use of our observations–transforming, simplifying, or emphasizing one or another of the characteristics of the objects we see. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Line.
17 min, Color, 1963 . . . . $8.00
The film is designed to illustrate the way in which line records movement. Throughout the film, the student is lead to an increased awareness of the beauty and function of line. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Perspective.
14 min, Color, 1962 . . . . $8.00
Film demonstrates how any one or more of the following techniques help to create the appearance of depth: overlapping, vertical position, graying colors, varying detail, varying size, and converging lines. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Art Series: Discovering Texture.
18 min, Color, 1961 . . . . $10.00
All through life we learn about textures by touching and looking. Our world is full of many textures for us to enjoy...some we feel, some we see, and some we create. (BFA) el, jh, sh, c, a
ART–STUDY AND TEACHING

Discovering Music Series: Discovering American Folk Music.
22 min, Color, 1969 . . . . $10.00
Film traces the transformations of ballads and lyric songs after they reach America from Britain. It shows the impact of the African tradition in spirituals and the blues. (BFA) el, jh, sh, c, a
FOLK MUSIC

Discovering Music Series: Discovering American Indian Music.
24 min, Color, 1971 . . . . $10.00
Film shows the social and ceremonial functions of music for the American Indian. Songs and dances of tribes from various parts of the country are performed in authentic costumes. (BFA) el, jh, sh, c, a
INDIANS OF NORTH AMERICA; MUSIC

Discovering Music Series: Discovering Electronic Music.
23 min, Color, 1970 . . . . $10.00
This film shows something of the physical basis of music and how it can be created and altered by electronic means. (BFA) el, jh, sh, c, a
MUSIC

Discovering Music Series: Discovering Jazz.
22 min, Color, 1969 . . . . $10.00
The history of jazz is traced from its roots in 19th century Black America from Dixieland and Blues through such styles as swing, bop, cool, jazz, funky and free improvisation. (BFA) el, jh, sh, c, a
JAZZ; MUSIC

Discovering Music Series: Discovering the Music of America.
22 min, Color, 1967 . . . . $10.00
Mr. Robert Ayitee, a master drummer of Ghana, and several associates, demonstrate the bells, the rattles, and the drums.

They describe how they are used today. (BFA) el, jh, sh, c, a
AFRICA; MUSIC

Discovering Music Series: Discovering the Music of Japan.
22 min, Color, 1967 . . . . $10.00
The three major Japanese instruments - the koto, the samisen, and the shakuhachi - are shown and some historical background and the ways that they fit into current Japanese life is explained. (BFA) el, jh, sh, c, a
JAPAN; MUSIC

Discovering Music Series: Discovering the Music of Latin America.
20 min, Color, 1969 . . . . $10.00
In this colorful film Latin American traditions are illustrated through song and dance and by the playing of classical, folk and pre-Columbia instruments. (BFA) el, jh, sh, c, a
CENTRAL AMERICA; MUSIC

Discovering Music Series: Discovering the Music of the Middle Ages.
20 min, Color, 1968 . . . . $10.00
Film shows the importance of music in church and castle, among clergy, nobles, and peasants, during the Middle Ages. (BFA) jh, sh, c, a
EUROPE HISTORY: 476-1492; MUSIC

Discovering the Forest.
11 min, B&W, 1969 . . . . $3.50
Designed to raise questions and encourage children to observe then interpret their findings. Without narrating the film takes the viewer on a field trip to the forest. (EBEC) el
FORESTS AND FORESTRY; NATURAL RESOURCES

Discovery and Experience: Movement in Time and Space.
30 min, B&W, 1970 . . . . $6.50
Reports on the educational advances that have been made in English elementary schools in recent years. Here the teacher is promoting activity in drama and dance so that bodily movement expresses what is in the children's minds. (BBC-TV; Time-Life Films) c, a
EDUCATION-METHODS

Display and Presentation Boards.
15 min, Color, 1971 . . . . $8.00
Explores the nature and potential of six different display and presentation boards: felt, hook and loop, magnetic, peg, electric, and combination. (IFB) jh, c, a
AUDIOVISUAL MATERIALS–PRODUCTION

Distribution of Plants and Animals.
16 min, Color, 1963 . . . . $8.00
Traces the various factors which influence the distribution and survival of animals in a given geographic area. This is a fundamental film in the understanding of plant and animal ecology. (EBF) sh, c
ECOLOGY

Division for Beginners.
11 min, B&W, 1965 . . . . $3.50
Division determines how many subsets are in a set or how many members are in a specific number of equivalent sets. We can divide by repeated subtraction but an easier and quicker way is to use our division facts. The number line helps check division facts and shows that division is the inverse of multiplication. This inverse concept can help solve division problems. (Coronet) el
ARITHMETIC

DNA: Blueprint of Life.
17 min, Color, 1968 . . . . $8.00
Animated models explain the DNA molecule, protein structure and protein synthesis by means of RNA molecules and ribosomes. Relates these biochemical mechanisms to evolution. (Pearce; Wiley) sh, c
BIOLOGY, EVOLUTION; GENETICS, BIOCHEMICAL

DNA: Molecule of Heredity.
16 min, Color, 1962 . . . . $8.00
Dr. George W. Beadle, discoverer of DNA and Nobel Prize winner, explains why DNA, (deoxyribonucleic acid), a great molecule of the cell's chromosomes, is the basis of growth and reproduction and the mechanism for transplanting heredity "specifications" from one generation to the next. Illustrated with photomicrography, animation, and models. (EBF) sh, c
GENETICS; REPRODUCTION

DNA Story.
45 min, Color, 1973 . . . . $16.00
In-depth reconstruction of the race to find the structure of the DNA molecule. Describes the roles Crick, Franklin, Pauling, Watson, and Wilkins played in the discovery process. This technical film provides numerous insights by example into scientific methodology and the place of model building within it. (Wiley) c
BIOLOGY; GENETICS

Do You Know How To Make A Statement Of Fact?
30 min, B&W, 1955 . . . . $6.50
One of a series of six filmed lectures by Irving J. Lee of Northwestern University under the title of "Talking Sense." Distinguishes between statements of inference and statements of fact and discusses the consequences of confusing the two. Discusses when the making of assumptions and inference may be justified. (Iowa State University TV; Indiana University) sh, c, aa
SPEECH, LANGUAGE AND LANGUAGES

Dr. Black's Observations On Heat.
9 min, Color, 1970 . . . . $6.00
Re-creates selected heat experiments conducted by Joseph Black in the eighteenth century to illustrate his fundamental discoveries which laid the foundations of thermodynamics and calorimetry. (EBEC) sh, c
SCIENCE, GENERAL

Dr. Leaky and the Dawn of Man.
51 min, Color, 1967 . . . . $19.00
Presents a documentary account of Dr. Louis Leakey's life and work as recorded in motion pictures and stills. Surveys his work in Kenya and explains the significance of his discoveries. (National Geographic; Films Inc.) sh, c, a
ARCHAEOLOGY; EVOLUTION; SCIENCE, GENERAL

Does Color Really Make A Difference?
11 min, Color, 1969 . . . . $7.00
Presents several sequences wherein ethnic origins are unidentified, but different colors are presented in varying hostile actions. The viewer is led to believe that these actions have no bearing or relationship to ethnic origin. (AIMS) el
GUIDANCE, PERSONAL

Dog Family.
10 min, Color, 1966 . . . . $7.00
Traces the history of the dog's evolution. Stresses the common characteristics of wild and domesticated dogs. Shows some of the ways in which dogs have been trained to help man. (Boulton-Hawker Films; IFB) el
ANIMALS–HABITS AND BEHAVIOR; EVOLUTION

Doppler Effect (College Physics Series).
7 min, B&W, 1952 . . . . $3.00
The factors determining the pitch of a sound are first explained. Waves are shown advancing toward a listener and the following three cases are then treated: source and listener stationary; source in motion, listener stationary; source stationary, listener in motion. (McGraw-Hill) c
PHYSICS

Dots.
3 min, Color, 1948 . . . . $6.00
An experimental film, made without the use of camera or sound recording apparatus. Both sound and visual were created by the artist Norman McLaren, drawing directly upon the film with ordinary pen and ink. (NFBC; IFB) sh, c
MOTION PICTURES, EXPERIMENTAL

Doughnuts.
26 min, Color, 1964 . . . . $13.00
When the doughnut machine goes berserk and fills Uncle Ulysses' luncheonette with hundreds of doughnuts, Homer Price resourcefully comes up with an ingenious solution in th[illegible] live-action episode from the contemporary classic. (Wes[illegible] Woods) el, jh
CHILDREN'S FILMS

Down to the Sea in Ships.
54 min, Color, 1968 . . . . $19.00
This story of man on deep waters is told from the standpoint of history and of the present. Through historic pictures, and the words of Melville and Conrad, the film captures the sense and feel of the sea. (NBC) jh, sh, c, a
LITERATURE; OCEANS

Drawing a Portrait.
10 min, Color, 1959 . . . . $7.00
An effective demonstration of the basic steps involved in creating a likeness, using a minimum of lines and details as one would do in drawing a preliminary sketch for a painting. A number of simple devices are introduced to aid in developing basic skills: the ability to judge distances by comparing an

unknown one with one that is known, and the ability to judge angles. (EBF) jh, sh, c, a
ART; ART–STUDY AND TEACHING

Drinking American.
60 min, B&W, 1969 . . . . $10.00
Drinking in the United States cuts across all social and economic classes. Alcohol abuse is our third largest health problem – after heart disease and cancer. For many, drinking is linked to sexual interests, a relationship which much alcoholic beverage advertising tries to exploit. Other people may drink to relax or to overcome loneliness. State laws regulating the use of alcohol are less than uniform, often varying between counties within a state. Some experts, such as psychiatrist Maurice Chafetz, advocate removal of age barriers for drinking which would remove the attraction that such a taboo creates. (NET; Indiana) sh, c, a
ALCOHOLISM

Driven Westward.
30 min, B&W, 1948 . . . . $6.50
This excerpted classroom film presents a visualization of the contribution of a minority group to our national development and demonstrates the necessity for respecting the rights of such a group. Memorable sequences show the persecution of Mormons in Illinois; their hazardous trek westward under Brigham Young's leadership; and their dramatic struggle to survive in the new colony at Great Salt Lake. The film concludes with the historic occurrence when the sea gulls save the grain fields by devouring hordes of crickets. No reference is made to Mormon doctrine in the film. The Mormons are presented simply as a minority group which made great sacrifices for its beliefs and in so doing helped open the West. This film was prepared in collaboration with the Audio-Visual Committee of the National Council for the Social Studies. (TFC) jh, sh, c
HUMAN RELATIONS; U.S.–HISTORY: 1783-1900

Dropout.
29 min, B&W, 1961 . . . . $6.50
Depicts various factors and their origins that stimulate teenagers to drop out of school using several case histories for illustrations. (MHFB; IFB) sh
EDUCATION; GUIDANCE, PERSONAL

Drownproofing.
24 min, Color, 1968 . . . . $10.00
Drowning ranks second only to traffic fatalities as a cause of accidental death. Yet drowning can be averted by a technique so simple that even non-swimmers can remain afloat for hours. (NBC) jh, sh, c, a
SAFETY EDUCATION

Drug Problem: What Do You Think?
17 min, Color, 1972 . . . . $8.00
Questions probed in this realistic film reveal the scope of the drug problem and its dangers. The film takes a wide-ranging look at drugs–from the contents of household medicine cabinets to street drugs. Effects of drug abuse are demonstrated in a series of laboratory experiments and a documentary on a drug overdose case. (EBEC) jh, sh, c
DRUG EDUCATION

Drug Scene.
16 min, Color, 1971 . . . . $8.00
Suggests an analogy of pollution of environment and the mind then moves into discussion by ex-users and ends with visualization of other ways to enjoy life. (AIMS) jh, sh
DRUG EDUCATION

Drugs and the Nervous System.
18 min, Color, 1966 . . . . $10.00
Explains the serious disruption of the nervous system caused by drugs; airplane glue, stimulants (amphetamines), depressants (barbiturates, opiates), marijuana, and LSD. For young children. Animated. (Churchill) el, jh
DRUG EDUCATION

Drugs Are Like That.
17 min, Color, 1970 . . . . $8.00
Reinforces young children to resist the first temptation to experiment with drugs by means of six episodes which explain the nature of dependency, habits, why laws are justified, impaired performance, "fun" activities with hidden dangers, and the risks of tinkering with the body. Award winner. (Benchmark Films) el, jh
DRUG EDUCATION

Drugs, Drinking and Driving.
18 min, Color, 1970 . . . . $3.50
Shows experiments to demonstrate the effects that alcohol and drugs, even the most 'harmless' ones, can have on driving. Uses animation to show effects on the human nervous system. (AIMS) jh, sh, c, a
DRUG EDUCATION; SAFETY EDUCATION

Drugs in the Tenderloin.
52 min, B&W, 1968 . . . . $9.50
Drug users, some of whom are homosexuals, who live in San Francisco's Tenderloin district, are interviewed as to their methods of obtaining drugs, their reasons for using them, and their ambitions for moving back into the "square" world. Mark Forrester, a staff member of the local poverty program, describes the rational excuses with which these inhabitants defend themselves. He comments on ways these young people are motivated to change. The interviews alternate with candid scenes taken in the Tenderloin district. (NET; Indiana) sh, c, a
DRUG EDUCATION

Drugs–Use or Abuse?
11 min, Color, 1971 . . . . $7.00
Begins with various types of beneficial drugs, then moves to excessive use, stimulants and depressants, damaging chemicals in drugs, psychological dependence, forms of harmful drugs, etc. (AIMS) jh, sh, c
DRUG EDUCATION

Drummer Hoff.
6 min, Color, 1969 . . . . $6.00
An adaptation of a folk verse about the building of a cannon. (Weston Woods) el
CHILDREN'S FILMS

Drums Along the Mohawk.
31 min, B&W, 1948 . . . . $6.50
Excerpted from the feature film of the same name, this film emphasizes pioneer life in western New York State during the Revolutionary period and presents scenes of the skirmishes between the settlers and Indians. The central episode of the film deals with one such battle. Tories lead an Indian raid on a village, and beseige the settlers in their fort. When ammunition runs low, a volunteer slips through the Indian lines to get help. He returns with a militia company from a neighboring fort, and the settlement is saved. The film ends when a regular army regiment arrives bearing the new United States flag. They announce that Washington has defeated Cornwallis, and the Revolutionary War is over. This film was prepared in collaboration with the Audio-Visual Committee of the National Council for the Social Studies. (TFC) el, jh, sh
U.S.–HISTORY: COLONIAL PERIOD

Due Process of Law Denied.
29 min, B&W, 1943 . . . . $6.50
This film, an excerpt from OXBOW INCIDENT (20th Century-Fox) is a dramatization of the kind of unlawful trials which were sometimes held in the early days of the West (Nevada 1885). It pictures the dangers of denying due process of law and illustrates convincingly the necessity to recognize the right of individuals as guaranteed by the Constitution. (TFC) jh, sh, c
CIVIL RIGHTS

Dust Bowl.
26 min, B&W, 1962 . . . . $6.50
The story of neglect of the land, neglect of the people who farmed the land, exploitation, speculation and complacency which resulted in a mass migration from the drought-ridden areas of the southwest to California. (CBS; McGraw-Hill) sh, c
AGRICULTURE–ECONOMIC ASPECTS; NATURAL RESOURCES; SOIL CONSERVATION

Dusting Off Mythology: Creation.
18 min, Color, 1972 . . . . $10.00
This film illustrates the Greek concepts of the creation of the world, of man, and of the seasons. In contrast, the scientist's search for an explanation of life is presented. (OECA, NBC) jh, sh, c, a
MYTHOLOGY

Dusting Off Mythology: Hero.
18 min, Color, 1972 . . . . $10.00
With visuals and song, portraits of two famous Greek Heroes, Hercules and Theseus, are painted. Graphics and still photographs are used to illustrate heroes of other lands, and then to explore today's hero. (OECA, NBC) jh, sh, c, a
MYTHOLOGY

Dusting Off Mythology: Quest.
18 min, Color, 1972 . . . . $10.00

The most famous illustration of the quest in Greek mythology is the story of Jason and the Golden Fleece. Stories from history and literature combine in a visual collage to illustrate types of quests. Man is still engaged in a quest–for love, happiness, freedom, and personal identity. (OECA, NBC) jh, sh, c, a
MYTHOLOGY

Dusting Off Mythology: War.
18 min, Color, 1972 . . . . $10.00
The story of the Trojan War and the ironic parallels between it and other wars is the focus for WAR. Using songs, a striking contrast is developed between the fanciful war games of children and the harsh reality of soldiers in the field. (OECA, NBC) jh, sh, c, a
MYTHOLOGY

Dynamics of Negotiations in Public Education.
45 min, Color, 1968 . . . . $16.00
Viewer can study the techniques of negotiation as practiced by nationally-known specialists in the field of educational negotiations. Covers the following topics: opening negotiations, dealing with unreasonable demands, controlling the flow of negotiations, use of the caucus, roles played by each member of the negotiating team, dealing with threats and bombast, reaching and finalizing agreements. (Negotiations Management Service) c, a
JOURNALISM; POLITICAL SCIENCE; LABOR AND LABORING CLASSES

E

e.g. India.
20 min, Color, 1965 . . . . $3.50
The objectives of the International Farm Youth Exchange Program are described in this documentary film. Through this exchange program, selected American youth with agricultural backgrounds are sent to other countries, such as India, to live, work, study, and socialize with their counterparts; meanwhile, young people from these countries visit the U.S. to observe our way of life. Through personal contact, today's farm youth and tomorrow's leaders gain new ideas and insights in how to solve the agricultural problems of the future. (International Minerals & Chemical Corporation) sh, c, a
INTERCULTURAL COOPERATION; AGRICULTURE; INDIA

E/M Demonstrations.
4 min, Color, 1970 . . . . $6.00
Explains that electrons have the same electrical charge (e) to mass (m) ratio (e/m) regardless of the element from which they derive. Shows a simple method for measurement of the charge to mass ratio of an electron, using a cathode-ray tube. (EBEC) sh, c
PHYSICS; SCIENCE, GENERAL

Eagle Has Landed–Flight of Apollo II.
28 min, Color, 1969 . . . . $13.00
Documents the NASA space mission which successfully landed Americans on the Moon and returned them safely to Earth. (NASA; National Audiovisual Center) el, jh, sh, c, a
SPACE FLIGHT; U.S.–HISTORY: 1898-

Early Development of Ambulation-Unilateral Below-Knee Amputation. 18 min, B&W, 1965 . . . . $3.50
Depicts the progress of the child amputee from the time he attempts to stand until he walks independently with the prosthesis, which has become an integral part of his body image. Shown are the changing patterns of rhythm, the gradual narrowing of the base of support, and the increasing stability of motor-kinesthetic development that takes place as the child participates in increasingly complex skills and play activities. (UCLA Medical Center) c, a
CHILD STUDY; MEDICINE

Early Settlers of New England.
11 min, B&W, 1940 . . . . $3.50
Shows the lot of Salem's hardy pioneers about 1626. Types of people, the proximity of their bark wigwams and dugouts to the seashore, their dependence upon the sea and land for food, the need for mutual assistance, division of labor, care of the sick, problems of crop cultivation, relationships with England and background elements of American Democracy are portrayed. (EBF) el, jh, sh, a
U.S.–HISTORY; COLONIAL PERIOD

Early Words.
22 min, Color, 1972 . . . . $10.00
This film concerns a 22-month-old boy starting to speak English. His speech consists of one-word utterances. The film demonstrates how the boy's speech is often accompanied by the action of voluntary enterprise. (John Wiley & Sons) sh, c
CHILD STUDY; PSYCHOLOGY

Ears and Hearing.
22 min, Color, 1969 . . . . $10.00
Indicates how everyday sounds are processed through the ear and converted into nerve impulses the brain can interpret. Many visual techniques are employed to show and simulate the parts and functions of the ear. Includes ear malfunctions and a stapendectomy. (EBEC) jh, sh, c, a
HEARING; PHYSIOLOGY

Ears: Their Structure and Care.
11 min, B&W, 1962 . . . . $3.50
Through animation and anatomical models, this film illustrates the structure of the outer, middle, and inner ear and describes in detail the role of each part of the ear in the hearing process. The importance of the semicircular canals as organs of balance is also shown. Proper care of the ear is discussed, as well as some common ailments of the ear and their treatment. (Coronet) jh, sh
HEARING; PHYSIOLOGY; HYGIENE

Earth in Change: The Earth's Crust.
16 min, B&W, 1962 . . . . $4.00
This film tells the story of the changing land features of our planet. The ways in which ice, wind, and water act to wear away the surface of the earth, and how sedimentation, the action of volcanoes and earthquakes, and other forces help to build it up, are carefully described and illustrated. Scenes of Glacier National Park, Vesuvius and Paricutin volcanoes, and other rich geologic sources throughout the world contribute to a real understanding of the dynamic processes that change the surface of the earth (EBF) jh, sh
EARTH; GEOLOGY

Earth, Man's Home.
10 min, Color, 1970 . . . . $7.00
Man's speck of living space in the universe is Earth, yet even the earth is not entirely "home" because most of it is ocean, and of the remaining surface–land–only the green area is truly suitable for man's inhabitation. Children will quickly grasp the concept that man's environment is actually very small in relation to the vastness of the universe and earth itself. (EBEC) el
EARTH; SCIENCE, GENERAL

Earthquakes: Lesson of a Disaster.
13 min, Color, 1971 . . . . $7.00
Introduces the phenomena of earthquakes through the case study of two major quakes–one in California and one in Turkey–with on-location footage showing the devastation. Seismologists demonstrate the use of P waves, R waves and other methods to determine an earthquake's occurrence, location, and magnitude. (EBEC) jh, sh
GEOLOGY; SCIENCE, GENERAL

Eat for Health.
11 min, Color, 1954 . . . . $7.00
Introduces a new approach in teaching children to eat a well balanced diet. Using the five fingers of his hand as an always available check-off device, Ralph learns to eat a balanced diet of bread and butter or margarine; milk and cheese; meat and eggs; vegetables; and fruits. (EBF) el
NUTRITION

Echinoderms, Sea Stars and Their Relatives.
16 min, B&W, 1962 . . . . $4.00
A combination of live photography, photomicrography and animated drawings show the basic body plan of echinoderms. Film content includes close-up photography of sea stars, feather stars, sea cucumbers, sea urchins, sand dollars, and serpent stars, illustrating the characteristics of the five classes of echinoderms. Laboratory experiments are also employed to demonstrate echinoderm reproduction and development. (EBF) sh, c
MARINE BIOLOGY

Echos of Gold.
16 min, Color, 1969 . . . . $3.50
Never was a museum town more lively than Barkerville, a restored goldrush town in British Columbia. The film shows all of the attraction of this living museum which was restored in 1958. (NFBC; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL

Ecology of a Hot Spring: Life at High Temperature.
14 min, Color, 1971 . . . . $8.00
A study of Yellowstone Park's hot springs provides answers to

what type of life evolved and survived when the earth was much hotter billions of years ago. (EBEC) jh, sh
ECOLOGY; EVOLUTION

Ecology of Pronghorn, Mountain Sheep, and Mountain Goats.
15 min, Color, 1966 . . . . $8.00
Life cycle and habitats of antelope, mountain sheep and mountain goats; feeding habits; physical structure; defense mechanisms; adaptations to environment. (Walter Berlet; IFB) sh, c
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

Ecology: Olympic Rain Forest.
20 min, Color, 1970 . . . . $10.00
Presents the unusual characteristics of the rain forest on the Olympic Peninsula in the state of Washington. (IFB) jh, sh, c
ECOLOGY

Ecology–Wanted Alive.
10 min, Color, 1972 . . . . $7.00
Views the endangered species of animals and birds that may soon disappear and those that have become extinct through man's destruction of their natural environment. Pollution, the use of insecticides, the upsetting of the balance of nature along with man's wanton killing of these animals and birds are discussed. (AIMS) jh, sh, c, a
ECOLOGY

Economics and the Individual: Big Day Tomorrow
17 min, Color, 1971 . . . . $8.00
Five interwoven storylines covering: earning - spending - saving - borrowing - investing - and security . . . As applied to continuing education beyond high school - choosing a job - selecting a career - investing in the stock market - financing a car - setting up a new household - obtaining medical insurance - voting in a referendum. (Dun & Bradstreet; Audio Productions) jh, sh
ECONOMICS; MONEY

Economics and the Individual: Crossroads.
17 min, Color, 1971 . . . . $8.00
The time for decisions about earning an income! What to look for in a job . . . Where to look . . . How to go about it . . . What to consider . . . Who to consult . . . How to plan, prepare and determine priorities in choosing a position - a career - a life style. (Dun & Bradstreet; Audio Productions) jh, sh
ECONOMICS; GUIDANCE, VOCATIONAL; MONEY

Economics and the Individual: Of Dollars and Sense.
15 min, Color, 1971 . . . . $8.00
Spending - Budgeting - Borrowing . . Building a structure of money management . . . Translating income into satisfaction- . . . Varieties of attitudes, situations and goals, and their influence on tailoring a budget to suit each individual's goals and needs . . . The art of buying goods and credit-shopping around. Understanding the advertising role . . . Understanding credit . . . Using credit. (Dun & Bradstreet; Audio Productions) jh, sh
ECONOMICS; MONEY

Economics and the Individual: Something for a Rainy Day.
14 min, Color, 1971 . . . . $8.00
The Rainy Days - sudden illness, financial reverses, loss of job, accidents, mishaps . . . The umbrellas of protection and security available - Wide range of insurance plans - Hospitalization - Retirement . . . Making a realistic appraisal of present needs, and the possibility of unpredictable developments . . . How much to set aside? In what programs? What changes should be made as responsibilities vary? (Dun & Bradstreet; Audio Productions) jh, sh
ECONOMICS; MONEY

Economics and the Individual: Which Comes First?
14 Min, Color, 1971 . . . . $8.00
Savings and Investing - The benefits and pitfalls - When to save and how much . . . When to invest and how much . . . The variety of saving and investing programs available . . . The motivations for saving and investing . . . future satisfactions - equity in personal property . . . What are the differences between saving and investing? (Dun & Bradstreet; Audio Productions) jh, sh
ECONOMICS; MONEY

Ecosystems Series: Aquatic Environment.
8 min, Color, 1972 . . . . $6.00
Illustrates the complex balance of each ecosystem from mountain stream to sea. (AIMS) sh, c, a
ECOLOGY; MARINE BIOLOGY

Ecosystems Series: Desert Environment.
8 min, Color, 1972 . . . . $6.00
Depicts the delicate balance of plants, animals, insects and reptiles that make up the mysteries of the desert. (AIMS) sh, c, a
DESERTS; ECOLOGY

Ecosystems Series: Mountain, Forest and Meadow.
11 min, Color, 1972 . . . . $7.00
Shows the important balance of man's land resources. (AIMS) sh, c, a
ECOLOGY

Editing Synchronous Sound.
10 min, Color, 1961 . . . . $7.00
Explains the step-by-step process of editing synchronous sound for motion picture production. (Indiana University) sh, c, a
MOTION PICTURES

Edgar Allan Poe: Background for His Works.
14 min, B&W, 1958 . . . . $4.00
Paintings created in the style of Poe's writings are skillfully presented to bring to life scenes from his works against a background of Poe's life. Excerpts from *To Helen, The Fall of the House of Usher, The Murders in the Rue Morgue, The Raven,* and other works reveal elements which contribute to his stature as critic, literary craftsman, and perfector of the short story. (Coronet) jh, sh, c
AMERICAN LITERATURE; AUTHORS, AMERICAN

Education in America: The Seventeenth and Eighteenth Centuries.
16 min, B&W, 1962 . . . . $4.00
From the early New England School laws to the educational provisions of the Northwest Ordinance, the beginnings of American education are re-enacted in actual locations of Dame Schools, Latin Grammar Schools, church schools, and pauper schools. With the colonial colleges, these early beginnings were the foundations of education in colonial America. (Coronet) sh, c, a
EDUCATION–HISTORY

Educational Tests: Administering a Testing Program.
13 min, B&W, 1961 . . . . $3.50
This film points out that there are six basic steps to be carried out individually in the administration of a test. They are as follows: planning, handling, training examiners, preparing students, administering, and scoring. (Cooperative Test Division of the ETS) c
ABILITY–TESTING; EDUCATION–METHODS

Educational Tests: Interpreting Test Results Realistically.
18 min, B&W, 1961 . . . . $3.50
This film explains the nature of a test score, and shows how the standard error of measurement is used in the process of interpretation. Several illustrations also show how comparisons of test scores with those of other pupils, provide an additional route to meaning. (Cooperative Test Division of the ETS) c
ABILITY–TESTING; EDUCATION–METHODS

Educational Tests: Public Relations of Testing.
11 min, B&W, 1961 . . . . $3.50
The basic concept stressed in this film is that a community as a whole needs to know more about testing and how it helps students. The good will earned will pay handsome dividends for the time and effort required. Content in the film emphasizes good communication with teachers, students, parents, and the community. (Cooperative Test Division of the ETS) c
ABILITY–TESTING; EDUCATION–METHODS; EDUCATIONAL PSYCHOLOGY

Educational Tests: Selecting an Achievement Test.
14 min, B&W, 1961 . . . . $3.50
This film discusses the importance of reliable procedures for test selection, and stresses cooperation by many teachers in carrying on the crucial work of analysis and decision. (Cooperative Test Division of the ETS) c
ABILITY–TESTING; EDUCATION–METHODS

Educational Tests: Using Test Results.
9 min, B&W, 1961 . . . . $3.50
This film subject emphasizes the fact that too frequently too little effort is expended in making effective use of test results. Valuable uses of test results are illustrated under the categories of instruction, guidance and administration. (Cooperative Test Division of the ETS) c
ABILITY–TESTING; EDUCATION–METHODS

Edvard Grieg–The Man and His Music.
17 min, Color, 1972 . . . . $8.00
Introduces Edvard Grieg–the man, his life and moods, and his

music. Illustrates the great influence of Grieg's love of nature and devotion to his country. (AIMS) jh, sh, c, a
COMPOSERS; MUSIC

Effective Learning in the Elementary School.
20 min. B&W, 1956 . . . . $5.00
In the first-person narrative, a fifth grade teacher tells some of her own experiences in making learning more effective. In her class teacher and pupil work together on such basic skills as reading, writing, arithmetic, social studies and creative arts, but motivation for their work is strengthened through unit study projects which provide opportunities for developing other vital skills. (McGraw-Hill) c
EDUCATION–STUDY AND TEACHING

Egypt and the Nile.
16 min, Color, 1954 . . . . $8.00
This film presents a vivid picture of Egypt and the Nile Valley of today. Set in the cradle of civilization, the present can be seen against the background of a rich and long history. The film story moves from the Nile's headwaters to the sea and the Suez Canal and shows the importance of the river in the whole pattern of Egyptian life. (EFB) el, jh, sh, c
ANTHROPOGEOGRAPHY–AFRICA; EGYPT

Egypt: Cradle of Civilization.
12 min, Color, 1962 . . . . $7.00
Surveys the culture of ancient Egypt and examines its contributions to the development of Western civilization. (EBEC) jh, sh
HISTORY, ANCIENT (4000 B.C. - A.D. 476); EGYPT

Egyptologists.
25 min, Color, 1967 . . . . $10.00
This film illustrates the archeological trip to save the remnants of antiquity at the Aswan Dam. It shows the work of historians, archeologists, and other researchers as they plan and execute this trip in their attempt to salvage history. (EBEC) sh, c
ARCHAEOLOGY; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Eight MM Film: Its Emerging Role in Education.
28 min, Color, 1966 . . . . $13.00
Presents a sampling of activities in the field and suggests both the current state and future promise of the role of 8mm film in education. (Columbia University; Du-Art-Film Lab) c
AUDIOVISUAL MATERIALS–UTILIZATION; MOTION PICTURES IN EDUCATION

Electric Eel.
12 min, Color, 1954 . . . . $7.00
Actual experiments show that this strange fish puts out "radar" pulses and tremendous electrical shocks to locate and stun its prey. The electric eel is a good example of the close tie between physics and biology. (MIS) jh, sh
MARINE BIOLOGY

Electric Interactions in Chemistry.
21 min, Color, 1965 . . . . $10.00
Observation of two spheres suspended from the terminals of a high voltage generator demonstrates the principles that opposite charges attract, like charges repel, and uncharged bodies have no electric interaction. A sensitive balance measures the force between two charged spheres. The distance is varied and the electric force is calculated from changes in balance ratings. A graph of electric force against distance suggests the equation Fr2 = k (a constant), and the tabulated data confirm this relation. The migration of positive and negative ions and their mutual precipitation are shown in time-lapse photography and in animation. (Chem Study Films; MLA) sh, c
CHEMISTRY

Electricity and How it is Made.
16 min, B&W, 1964 . . . . $4.00
16 min, Color, 1964 . . . . $8.00
Basic concepts of electricity, discussing how it is produced, what it does and how it is used to give light, heat, sound and power. (EBEC) el
ELECTRICITY; SCIENCE, GENERAL

Electrochemical Cells.
22 min, Color, 1965 . . . . $10.00
The construction and operation of an electrochemical cell are shown. Time-lapse photography of the changes at the electrodes, and animation of the cell processes show the nature of the electrode reactions, the motion of the electron and ion currents, and the relationship between concentrations and cell voltage. Extreme close-ups of a hydrogen electrode illustrate its operation and lead to a discussion of the table of E° values. (Chem Study Films; MLA) sh, c
CHEMISTRY

Electro-Magnet.
15 min, B&W, 1970 . . . . $4.00
Explains principles and uses of the electro-magnet, construction and operation of the electric bell, and C and DC motors. (Technical and Science Films; IFB) jh, sh
ELECTRICITY; SCIENCE, GENERAL

Electromagnetic Induction.
14 min, B&W, 1963 . . . . $4.00
Using special techniques to show in live action how a conductor cuts through a magnetic flux, this film examines in detail the process by which an electromotive force is produced in a conductor. By means of laboratory demonstrations, the film investigates the three main applications of electromagnetic induction: generators, motors, and transformers and other induction coils. (Coronet) sh, c
ELECTRICITY

Electromagnets.
11 min, B&W, 1961 . . . . $3.50
This Elementary Science film serves as a comparison to *Magnets and Flow of Electricity*. Explains the theory of electromagnetism by building slowly from a simple bar magnet to a completed electromagnet made from simple home materials. Shows how electromagnets are used in the doorbell, telegraph set and many other everyday applications. (McGraw-Hill) el
ELECTRICITY

Electromagnets: How They Work.
11 min, B&W, 1961 . . . . $3.50
Through a progression of effective laboratory experiments, this film shows how an electromagnet is constructed and demonstrates several ways in which its strength can be increased. The student will learn that an electromagnet has magnetic force only when electrical energy is flowing through it, that the strength of an electromagnet increases if more turns of wire are added to the coil, that an iron core inserted in the coil strengthens the magnet still more. (EBF) el, jh
ELECTRICITY

Electron Microscopy.
23 min, Color, 1963 . . . . $10.00
Pictures, explains, and discusses the operation and use of the electron microscope. (Association of Electrical Engineers; IFB) c
MICROSCOPY; SCIENCE, GENERAL

Electrons and Electronics: An Introduction.
11 min, B&W, 1962 . . . . $3.50
This film clearly explains how such electronic devices as vacuum tubes and transistors work and how they are put to use in the fields of communication, transportation, medicine and industry. A visit to a broadcasting station shows us what part electronics play in bringing us radio and television. (Coronet) jh, sh
ELECTRONICS; PHYSICS

Electrostatic Charges and Forces.
14 min, B&W, 1963 . . . . $4.00
This film shows how positive and negative charges are created. Defines such basic concepts as insulator, conductor, and electric field, and introduces Coulomb's Law, used to measure electrostatic charges. A laboratory demonstration of Farraday's ice-pail experiment is presented. This film shows how the principles of electrostatic changes and forces can be used to explain the operation of the Van de Graaff generator. (Coronet) sh, c
PHYSICS

Electrostatics.
11 min, B&W, 1967 . . . . $3.50
Shows the repulsive and attractive forces between bodies changed by contact under different conditions, techniques of induction, and the meaning of conductors and insulators. Compares the use of the electroscope and the electrometer. Explains the development of atmospheric conditions leading to a thunderstorm, and the protective value of lightning rods. (EBF) jh, sh, c
PHYSICS

Element Three.
46 min, Color, 1966 . . . . $16.00
Shows that the world's supply of water can no longer be taken for granted. First, it takes us to desert areas where the search for something to drink and to moisten the earth is a daily problem, and the meager water resources are located and tapped with the most primitive methods. Lands with great river systems, such as the Rhine, the St. Lawrence, the Volga and the Mekong, are also examined and, there too, the supply is threatened. When a river flows through many countries, the irresponsible acts of one country, one industrial firm, even one person can cause disaster. While contrasting the lyrical beauty of pure water with the aridity resulting from its absence, the film stresses again and

again that cooperation on the local, national and international levels is necessary for a sensible control and redistribution of fresh water resources. (NFBC; IFB) sh, a
ECOLOGY; WATER AND WATER SUPPLY

Elements: Beyond Uranium.
29 min, B&W, 1956 . . . . $6.50
Outlines the discovery of the first six elements beyond uranium and describes the discovery of neptunium, the first transuranium element. Discusses and demonstrates the significant experiment showing that plutonium undergoes fission with slow neutrons. Displays the miniature chemical equipment used in working out the chemistry and large scale production of plutonium. Emphasizes the nuclear reactions and chemical processes used in the synthesis of americium, berkelium and californium. Discusses the modification of the Periodic Table resulting from the discovery of these new elements and indicates the importance of the new elements by demonstrating a chain reaction and explaining the operation of an atomic power plant. (NET) sh, c
CHEMISTRY

Elements: Making Elements.
29 min, B&W, 1956 . . . . $6.50
The scientists who participated in the discovery of elements 99, 100, 101 describe, show and demonstrate the techniques, equipment, and chemistry associated with the original isolation of the elements. Presents a detailed demonstration of the methods and equipment used in handling radioactive materials. (NET) sh, c
CHEMISTRY

Elements of Design: Composition.
11 min, B&W, 1950 . . . . $3.50
Discusses composition as one of the basic elements of design, and its function in the art and industry of everyday life. (McGraw-Hill) jh, sh, c, a
DESIGN

Elements of Design: Line.
11 min, B&W, 1950 . . . . $3.50
Discusses line as one of the basic elements of design, and its function in the art and industry of everyday life. Shows the effects achieved by use of straight lines, curved lines, S-shaped lines, circles, and their various combinations. (McGraw-Hill) jh, sh, c, a
DESIGN

Elements of Design: Shape.
11 min, B&W, 1950 . . . . $3.50
Discusses shape as one of the basic elements of design, and its function in the art and industry of everyday life. Shows the effects achieved by use of circles, squares, rectangles, triangles, and their various combinations. (McGraw-Hill) jh, sh, c, a
DESIGN

Elements of Electrical Circuits.
11 min, B&W, 1943 . . . . $3.50
Reveals the nature of electrical currents and circuits. Animated drawings and photographic demonstrations explain: electron motion, conductors, insulators, and factors affecting resistance; and the ohm, rate of flow, the ampere, electromotive force and the volt, lead to an understanding of their interrelationship as expressed in Ohm's Law. (EBF) jh, sh, c, a
ELECTRICITY

Elephant.
11 min, Color, 1972 . . . . $7.00
Follows the African elephant through his daily routine of foraging, dusting, playing, roaming, and drinking his average 60-gallon-a-day intake from a waterhole. (EBEC) el, jh
ANIMALS–HABITS AND BEHAVIOR

Elephants.
11 min, B&W, 1940 . . . . $3.50
Portrays the characteristics and training of domesticated elephants. Describes the animal's physical features, food, and methods of eating, drinking, and bathing. Reveals an adult elephant performing for a circus buyer; and depicts young elephants learning to stand on their front and hind legs, to sit on barrels, to walk planks, to ring bells, and to obey other commands. (EFB) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR

Eli Whitney.
18 min, B&W, 1951 . . . . $5.00
Dramatizes the life story of Eli Whitney, relating incidents which call attention to his dreams and faith in his ideas. Portrays him developing the machine which boomed the economy of the South. Describes Whitney's experiments in designing tools and building machinery for the manufacture of muskets, which became the technical basis for mass production. (EBF) el, jh, sh
INVENTORS; MANUFACTURING PROCESSES

Elsa and Her Cubs.
25 min, Color, 1968 . . . . $10.00
In this personal documentary film, the author of "Born Free" records his friendship with a lioness, Elsa, in Kenya. (Benchmark Films) el, jh, sh, c, a
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIORS

Elves and the Shoemaker.
27 min, Color, 1967 . . . . $13.00
This live action film adaptation of the timeless children's classic is both entertainment and instruction in basic values. (Allan David Productions; IFB) el
CHILDREN'S FILMS

Embryology of Human Behavior.
29 min, Color, 1951 . . . . $13.00
This film reveals that a child grows in accordance with certain universal laws while at the same time developing as an individual along a unique pattern. In sequences of growing children showing the development of eye-hand coordination, the patterning processes of behavior are traced. Produced for professional use. (AAMC; IFB) c
CHILD STUDY

Emotional Health.
20 min, B&W, 1947 . . . . $5.00
This film has three primary objectives: (1) to assure people of college age that emotional upsets are common; (2) to show that if a disturbance of this kind is prolonged, the need for professional council and care is just as important and normal as with any physical illness and (3) to explain in simplified language some of the basic techniques of psychiatric treatment and thereby allay the stigma attached to the necessity for this treatment. The story is told of a young man who learns that there is no physical reason for his chest pains and other physical upsets. He is shocked to hear his doctor suggest consultation with a psychiatrist. However, the physician explains in clearly simple terms, that many bodily disorders may be provoked by an emotional upset, and that a competent psychiatrist is the man best qualified to diagnose and treat such a condition. Reluctantly at first, and then with growing confidence, the young man undergoes psychiatric treatment, and at length a deep-seated and hitherto unsuspected fear is brought to light and dispelled. This film points out that the emotional upset depicted here is typical of those that can be cured by bringing to the patient a better understanding of his problem. (McGraw-Hill) c, a
GUIDANCE, PERSONAL; MENTAL HEALTH; PSYCHOLOGY

Emperor and Slave: Philosophy of Roman Stoicism.
29 min, Color, 1964 . . . . $13.00
The film defines the essential features of Stoicism, a philosophy that influenced Rome's ruling classes and can be considered one of its great contributions to Western civilization. (EBEC) sh, c
HISTORY; PHILOSOPHY

Emperor's New Clothes.
28 min, Color, 1971 . . . . $13.00
This attractive, live-action version of Hans Christian Andersen's well-known fairy tale will appeal to the strong feelings youngsters have about hypocrisy. (EBEC) el
CHILDREN'S FILMS

Empty Life.
23 min, B&W, 1963 . . . . $5.00
Discusses America's mental health problem of boredom and its probable underlying causes. (OKLAHOMA DEPT. OF HEALTH; IFB) a
MENTAL HEALTH; SOCIAL PROBLEMS

Encre.
20 min, Color, 1972 . . . . $10.00
An impressionistic look at three artists in Paris working at lithography. Each one creates his design in a different and unusual way. (IFB) sh, c, a
ART–STUDY AND TEACHING

End of the Trail: The American Plains Indian.
53 min, B&W, 1967 . . . . $9.50
Surveys the westward movement in America during the last century and its tragic impact upon the American Indian. An NBC "Project 20" production. (NBC; Contemporary/McGraw-Hill) jh, sh, c, a
INDIANS OF NORTH AMERICA; U.S. HISTORY: 1783-1900

Endocrine Glands.
11 min, B&W, 1939 . . . . $3.50
Describes the nature and function of the parathyroid, pituitary, pancreas and thyroid glands. Shows the influence of calcium and parathyroid extract on muscular control; the effect of pituitary hormones on egg development; the preparation and use of insulin in the treatment of diabetes: characteristics of hyperthyroidism; and the stimulation of the mammary glands by pituitary and ovarian hormones. (EBF) sh, c, a
PHYSIOLOGY

Energetics of Life.
23 min, Color, 1972 . . . . $10.00
Explains that in a world such as ours, in which disorder constantly increases, life is maintained as a highly-ordered system, low in entropy; this is possible because the ATP molecule transfers solar energy, which would otherwise be randomly dissipated, and makes it available to maintain life and to power its activities. The workings of this process are described in great detail. (Wiley) c
BIOLOGY; GENETICS

Energy–Ability to do Work.
9 min, Color, 1968 . . . . $6.00
Enhances understanding of ENERGY. Concepts covered include these forms of energy-potential, kinetic, sunlight, chemical, human, plant, mechanical, gravitational, electrical, and heat. (AIMS) el, jh
SCIENCE, GENERAL

Energy from the Sun.
11 min, B&W, 1955 . . . . $3.50
Actual photography of the sun's surface, made at the observatory at Climax, Colorado, is a unique contribution to learning about our essential star. Shows how the sun produces radiant energy, how man adapts it to his needs, and points toward the direct use of solar energy in the near future. (EFB) el
SCIENCE, GENERAL

Engineering of Agreement.
28 min, B&W, 1958 . . . . $6.50
Shows why both salesmen and supervisors often fail in their attempts to reach agreement with others. Explores the common elements in finding agreements and presents promising techniques for obtaining "a meeting of minds." A trailer, "What would you say?" permits viewers to practice the recommended methods. (Roundtable Productions, Inc.) c, a
SALESMANSHIP

Engines and How They Work.
11 min, B&W, 1958 . . . . $3.50
Operating principles of various types of engines including steam, gasoline, Diesel, turbine, jet and rocket are explained through the use of animation, models and live action. The film also develops an idea of the importance of engines, and discusses briefly developments such as the free piston and the ionic-propulsion engine. (Coronet) el, jh
POWER (MECHANICS)

England: Background of Literature.
10 min, Color, 1962 . . . . $7.00
Works of Shakespeare, Dickens, Kipling, Conrad and other immortal English poets, novelists and dramatists are presented in this motion picture in terms of the settings that inspired them. The three main areas which their works reflect, namely, London, the English countryside and the sea, are carefully portrayed so they are in keeping with the mood and feeling of the writings themselves. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

England of Elizabeth.
26 min, Color, 1960 . . . . $13.00
Indicates, using artifacts of the period, how the growth of the maritime fleet, the personality and influence of Elizabeth I, the songs, sonnets, plays, and the writings of authors like Shakespeare all help to convey the power, prestige, and spirit of the England of Elizabeth. (British Transport Films; IFB) jh, sh, c, a
EUROPE–HISTORY: 1492-1789; LITERATURE–HISTORY AND CRITICISM

English and Dutch Explorers.
11 min, B&W, 1967 . . . . $3.50
Shows the shift in power as the world's center of commerce moved from the Mediterranean to the Atlantic. Also reviews the historic events that ended Spain's domination of the western hemisphere. (EBEC) el, jh
AMERICA–DISCOVERY AND EXPLORATION; EXPLORERS; HISTORY, UNIVERSAL

English History: Absolutism and Civil War.
11 min, B&W, 1958 . . . . $3.50
Re-enacted are the conflicts during the reigns of James I, the Civil War and Commonwealth period, and the restoration of monarchy. The balance of power between the Crown and Parliament and steps in the involvement of the limited monarchy are depicted. (Coronet) jh, sh, c
ENGLAND

English History: Earliest Times to 1066.
10 min, B&W, 1953 . . . . $3.50
Discusses the building of Anglo-Saxon England, emphasizing the many different peoples and cultures which were its ingredients. Authentic landmarks and historical materials from 1900 B.C. to 1000 A.D. are blended with brief re-enactments of important historical events to give a compressed, yet vivid, panorama of the island of Britain and the assimilative process which was the making of the English nation. (Coronet) jh, sh
ENGLAND; EUROPE–HISTORY: TO 476; EUROPE–HISTORY: 476-1492

English History: Nineteenth Century Reforms.
14 min, B&W, 1959 . . . . $4.00
Evolution, rather than revolution, was characteristic of English political reform in the 19th century. Covering the period between the First Reform Bill of 1832 and the Third Reform Bill of 1884, the film shows the factors influencing the English political adjustment to the industrial revolution and makes clear the results of the major political and social legislations. (Coronet) jh, sh, c
ENGLAND; EUROPE–HISTORY: 1789-1900

English History: Norman Conquest to the Fifteenth Century.
10 min, B&W, 1953 . . . . $3.50
An overview of medieval England from the Conquest in 1066 to the decline of feudalism, this film discusses the concept of limited monarchy as the basis of the English form of democracy. We see some of the many milestones such as trial by jury and the Magna Charta that marked the recognition and growth of human rights in Britain. (Coronet) jh, sh
ENGLAND; EUROPE–HISTORY: 476-1492

English History: Restoration and Glorious Revolution.
11 min, B&W, 1958 . . . . $3.50
This film points out that because of a conflict of roles between Parliament and the Crown, this period resulted in the establishment of a true constitutional monarchy. Authentic settings provide background for the restoration of Charles II, the succession of James II, and the coming of William and Mary, the first monarchs to rule under constitutional limitations. (Coronet) jh, sh, c
ENGLAND; EUROPE–HISTORY: 1492-1789

English History: Tudor Period.
10 min, B&W, 1953 . . . . $3.50
Covering the period from 1485 to 1603, this film treats the growth of the national state under Henry VII and Henry VIII, with particular emphasis on the reign of Queen Elizabeth and the rise of Tudor England as a leading world power. The film concludes with the flowering of English culture at the height of the Elizabethan period and its successful transplanting in America. (Coronet) jh, sh
ENGLAND; EUROPE–HISTORY: 1492-1789

English Influences in the United States.
10 min, B&W, 1950 . . . . $3.50
Our American heritage is the gift of many people, but among the strongest influences that have molded our way of life are those that have come from England. This film traces some of the basic influences of the English culture on our own: the idea of democratic action, the body of law, freedom of speech and press, religious tolerance language and literature, art forms and styles. (Coronet) el, jh, sh
U.S.–HISTORY: COLONIAL PERIOD

English Language: How It Changes.
11 min, B&W, 1964 . . . . $3.50
Our language is constantly changing–by addition of words; by changes in spelling, pronunciation and meaning of words; and by changes in the rules of grammar. Examples ranging from writings of Captain John Smith, to Noah Webster's Dictionary of 1828, and to very recent additions to our language, show how changes keep our language alive and flexible, and make it a useful tool for communication. (Coronet) jh, sh
ENGLISH LANGUAGE

English Literature: Eighteenth Century.
14 min, B&W, 1958 . . . . $4.00
Literary discussions in an eighteenth-century London coffee

house reveal trends in literature of the time. Excerpts from writings of Addison and Steele, Pope, Swift, Johnson, Fielding, and Goldsmith illustrate the neo-classicism of the 1700's, and others illustrate the shift toward sentiment and romanticism in the latter half of the century. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

English Literature: Elizabethan Period.
14 min, B&W, 1958 . . . . $4.00
In a London theatre, people represent the various social classes of Elizabethan times. Their lives and environments show how trends in expansion, trade, taste, and study affect the literature of the time. This film presents excerpts from the writings of Great Elizabethans and the elements which characterize them. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

English Literature: The Romantic Period.
14 min, B&W, 1957 . . . . $4.00
Through the eyes of a young journalist of 1828, viewers participate in a period of literary, as well as political, revolution. Dramatized selections from Burns, Wordsworth, Coleridge, Blake, Byron, Shelley, Keats, and Scott reveal the individuality and independence of spirit of England's Romantic writers. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

English Literature: The Seventeenth Century.
15 min, B&W, 1958 . . . . $4.00
Excerpts from the works of seventeenth-century writers are presented against turbulent backgrounds of the Commonwealth and Restoration periods. Cavalier poets such as Jonson, Herrick, and Lovelace; Puritan writers such as Milton and Bunyan; and other literary figures of the century such as Denne, Maruell, Pepys, and Dryden are represented. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

English Literature: The Victorian Period.
14 min, B&W, 1957 . . . . $4.00
To the bookshop of James Bain, nineteenth-century bookseller, come customers interested in the writings of Macaulay, Carlyle, Darwin, Huxley, Newman, Dickens, the Bronte sisters, Hardy, Arnold, Ruskin, and Carroll. Through these prominent figures of literature, some of the conflicting ideas of the Victorian periods are presented. (Coronet) jh, sh, c
ENGLAND; ENGLISH LITERATURE

Environment: Everything Around Us.
14 min, Color, 1972 . . . . $8.00
A variety of environments–big city, arid desert, Arctic tundra, tropical everglades–are recorded on a film that two boys make as a class assignment. (EBEC) el
ECOLOGY; SCIENCE, GENERAL

Epilogue.
16 min, Color, 1972 . . . . $8.00
Shows the destruction of our natural resources as they are consumed by our increasingly technological civilization. (NFBC; Benchmark Films) jh, sh, c, a
CONSERVATION; ECOLOGY; POLLUTION

Equations in Algebra.
11 min, Color, 1963 . . . . $7.00
Nature of equations and the idea of solving problems by putting numbers in balance. (IFB) sh
ALGEBRA

Equidecomposable Polygons.
11 min, Color, 1971 . . . . $7.00
This film treats a problem in the theory of dissection of polygonal regions solved by Hadwiger and Glur in 1948. If two polygonal regions can be dissected so that there is a one-to-one correspondence between the parts of one and the parts of the other satisfying the condition that corresponding parts are congruent, then they are called equidecomposable. (NSF; IFB) sh, c
MATHEMATICS

Equilibrium.
24 min, Color, 1963 . . . . $10.00
The film deals with three questions: What is chemical equilibrium? How does the chemist recognize it? How does he explain it? In answering the questions the film stresses the dynamic nature of equilibrium. Radioactive iodine tracers are used to demonstrate the dynamic molecular behavior of the substances at equilibrium in a closed system. An analogy in terms of fish population in two connected bowls, and animation using molecular models, present the concepts with striking simplicity. (Chem Study Films) sh, c
CHEMISTRY

Equine Infectious Anemia (EIA).
16 min, Color, 1969 . . . . $3.50
A disease that affects horses, mules and burros, EIA is spread by mosquitoes, biting flies, and by use of contaminated equipment such as tack and hypodermic needles. The film clearly outlines precautionary measures and appeals to all horse owners and trainers to use utmost care with their animals. (Cleared for TV) (Texas A&M; USDA) jh, ch, c, a
ANIMALS–TREATMENT

Erosion: Leveling the Land.
14 min, Color, 1964 . . . . $8.00
With laboratory demonstrations and natural photography, this film investigates the processes of weathering, erosion and deposition of rock materials. It shows how the constant movement of rock debris from high places toward the sea levels the land, and explains how scientists find evidence of the leveling process. (EBF) el, jh, sh
GEOLOGY

Erosion Protection.
30 min, Color, 1970 . . . . $3.50
Compares the different methods of protecting fine material from erosion including the use of a reversing filter. Illustrates a graphic procedure for selecting reverse filter materials. Shows examples under laboratory and field conditions. (Note: Film must be shown on a sound projector operated at silent speeds.) (Posey; UConn) c
SOIL CONSERVATION

Eruption of Kilauea.
28 min, Color, 1962 . . . . $13.00
This film is a pictorial account of the spectacular 1959-60 eruption of Kilauea Volcano on the island of Hawaii. Scenes were filmed by scientists of the Geological Survey's Hawaiian Volcano Observatory and rangers and naturalists of the National Park Service at Hawaii National Park. The film documents both outbreaks showing fountaining lava and other interesting volcanological phenomena. (USDI) sh, c, a
GEOLOGY; HAWAIIAN ISLANDS

Escale A Paris.
16 min, Color, 1968 . . . . $8.00
Marc and his cousin Michele pick up her father at Orly Airport in Paris. As they drive to and from the airport, they notice examples of old and modern Paris and visit a super-marche. The film is intended for use by second- or third-semester college or second-year high school classes. A student handbook with the complete narration, vocabulary and exercises is available. (EFB) jh, sh, c
FRENCH LANGUAGE

Eskimo Children.
10 min, B&W, 1941 . . . . $3.50
Portrays representative activities of an Eskimo family living on Nunivak Island, off the Alaskan coast. Good sound and commentary. Interesting and unusual material. (EBF) el
ESKIMOS

Eskimo Family.
17 min, B&W, 1960 . . . . $4.00
The film follows Anakudluk and his family on the annual trek from winter camp to spring hunting grounds, providing opportunity for an intimate insight into the day-to-day life of an Eskimo family. We travel with them on the arduous journey by sled; see the family at meals and at work; share the thrills of the hunt for seal and fox; go with them to the trading post; and accompany them on a visit to relatives who live in a town. (EBF) el, jh, sh
ESKIMOS

Eskimo Sea Hunters.
20 min, B&W, 1967 . . . . $5.00
In cold, barren regions that are snowcovered the year 'round, there are very few resources and practically no plant life. The people earn their living by hunting and fishing. Eskimos that live in a small village on the shores of the Arctic Ocean depend upon the sea for food and for raw materials from which to make their shelters and clothing, and even for their only supply of wood that drifts in on the tide. Skins and furs are the principal goods that Eskimos have to offer at the trading post. In exchange they get imported manufactured products that help make life easier in the isolated northland. (UWF) el, jh, sh, c, a
ESKIMOS

ESP: The Human "X" Factor.
30 min, B&W, 1966 . . . . $6.50
A visit to the Parapsychology Laboratory at Duke University

during which the laboratory head, Dr. J. B. Rhine, explains why he is investigating extrasensory perception and the viewer is shown three experimental investigations of clairvoyance, psychokinesis and precognition. Dr. Rhine explains in an interview with David Prowitt, NET reporter, the reasons why he began and continues to investigate extrasensory perception in people and mentions that, in the forty years he has been working on ESP, sufficient data has been collected to provide the beginnings of a science. (NET; Indiana) jh, sh, c, a
PARAPSYCHOLOGY

Espana es Asi.
19 min, Color, 1973 . . . . $10.00
A language-teaching film designed to introduce the beginning Spanish student to the culture of Spain. The spirit of the film is a blending of the old and the new, from the castles of Toledo and Gothic churches to the modern avenues and skyscrapers of modern architecture. (IFB) sh, c
SPANISH LANGUAGE

Espana: Una Familia de Valencia.
16 min, Color, 1961 . . . . $8.00
This is a foreign language film with simple, slow-paced native Spanish translation. The film story includes scenes of family activity on a picnic at the beach; on a boat ride; on a visit to the parks and famous plazas; looking at store windows filled with laces, dolls, fans, and embroideries; visiting the schools of the three young people; attending a track meet at Valencia University; an activity trip to the Valencia Annual Exposition showing modern machinery, autos, inventions, school work, crafts of the community, gay entertainment and dancing. (Frith Films) sh, c
SPANISH LANGUAGE

Essay on War.
23 min, B&W, 1971 . . . . $5.00
23 min, Color, 1971 . . . . $10.00
Explores the puzzle of war: why we wage it, how we justify it, how we are affected as nations and as individuals. (EBEC) jh, sh
SOCIAL PROBLEMS; WAR

Eternal Children.
30 min, B&W, 1959 . . . . $6.50
Study of the special problems of children who through heredity, brain injury, or various other causes, are not equipped to keep pace in a competitive world. (NFBC; IFB) c, a
EDUCATION, SPECIAL

Eternal Forest.
20 min, Color, 1970 . . . . $3.50
Illustrates the ravage of North America's primeval forests, and the gross neglect of our bountiful heritage during the years of our nation's dynamic growth and expansion. With growing awareness of the extent of depletion, the film describes efforts to restore nature's balance which began at the turn of the Century. Cleared for TV. (Award winner.) (USDA) el, jh, sh, c, a
NATURAL RESOURCES; FORESTS AND FORESTRY

Ethiopia: The Hidden Empire.
52 min, Color, 1970 . . . . $19.00
Documents the rich tapestry of current Ethiopian life and cultures that have evolved as a result of a topography that has kept its inhabitants isolated from the rest of the world. Records this significant moment in Ethiopian history when she is slowly turning from an isolated past to a still unknown future. (National Geographic Society; FI) el, jh, sh, c, a
ANTHROPOGEOGRAPHY–AFRICA

Ethiopian Mosaic.
10 min, Color, 1967 . . . . $7.00
The filmmaker's art is especially evident in this glimpse of Ethiopia. Artful editing of both picture and sound have provided an intimate look at Ethiopia's people without any need for narration. Especially interesting is the use of silence and a dark screen to counterpoint the many scenes. (NFBC; IFB) jh, sh, c
AFRICA

Etude.
9 min, Color, 1973 . . . . $6.00
Etude is a blending of the majesty of Bach's music and a Canadian waterfall as formally-clad Robert Wood conducts the unseen orchestra alternating with the rush and roar of the natural sounds. (IFB) sh, c, a
MOTION PICTURES, EXPERIMENTAL; MUSIC

Ever Changing Sky.
18 min, Color, 1966 . . . . $10.00
Describes the life and work of John Constable and shows his birthplace and scenes which were inspirational for his pictures. (Boulton–Hawker Films; IFB) sh, c
MOTION PICTURES

Everglades: Conserving a Balanced Community.
11 min, Color, 1968 . . . . $7.00
Demonstrates the dependence of both human beings and animals on adequate water supply, by showing how water requirements of a residential area in Florida are endangering many species of wildlife. (EBEC) jh, sh
ECOLOGY

Everglades Region: Ecological Study.
24 min, Color, 1972 . . . . $10.00
Systematically describes the ecological inter-relationships within the terrestrial, freshwater and brackish water environments of South Florida. Documents man's impact upon this area and stresses the need to protect its resources. (Wiley) sh, c
BIOLOGY, ECOLOGY; CONSERVATION; ECOLOGY

Everyday Courage and Common Sense.
11 min, Color, 1968 . . . . $7.00
A variety of situations involving social acceptance, self-esteem, morals and personal values show the need for courage tempered by common sense. (Coronet) el
GUIDANCE, PERSONAL

Everyday Courtesy.
11 min, B&W, 1967 . . . . $3.50
In a talk before his class, Jeff defines courtesy as being considerate of other people. This involves both courteous speaking and courteous listening. In actual situations, we learn the courteous forms of introductions, extending and accepting oral and written invitations, showing respect for one's elders and other social acts that make it easier and more pleasant for everyone. (Coronet) el
ETIQUETTE; GUIDANCE, PERSONAL

Everyone Learns to Read.
8 min, Color, 1969 . . . . $6.00
A trip to the library becomes an adventure into the world of reading for two first grade boys. Some basic rules about writing are explained to them as well as material on music, poetry and storytelling. (Journal Films) el
CHILDREN'S FILMS

Evidence for Molecules and Atoms.
19 min, Color, 1961 . . . . $10.00
Demonstrates that molecules and atoms in solids, liquids, and gases can be proven to exist. Five identical appearing liquids react differently, providing evidence of unseen differences in the arrangements of the atoms and molecules. (EBEC) jh
PHYSICS; SCIENCE, GENERAL

Evidence for the Ice Age.
19 min, Color, 1965 . . . . $10.00
Anomalies such as glacial moraine deposits, polished, striated rock, stray boulders and abandoned drainage channels contrasting sharply with today's landscapes are examined and offered as evidence that an ice age did exist. These strange features explain former glacial ice and its distribution which, in turn, give an accurate picture of the size and shape of a prehistoric ice sheet. (EBF) el, jh, sh, c
GEOLOGY

Evolution of Man.
14 min, B&W, 1967 . . . . $4.00
The story of man's ancestry is a theoretical one because the fossil record is so incomplete. The film traces Darwin's theory of evolution and the discovery and reconstruction of prehuman fossils, including those of Olduvai Gorge in east Africa. (Coronet) jh, sh
BIOLOGY; EVOLUTION

Evolution of Vascular Plants–The Ferns.
17 min, Color, 1963 . . . . $8.00
Describes the evolution of vascular systems in land plants. The highly specialized structures that occur in vascular plants are shown through investigation of the fern. Explains the adaptive advantages of vascular systems in land plants, and shows how biologists reconstruct the story of plant evolution by studying fossils and living plants. (EBF) sh, c
BOTANY–PHYSIOLOGY; PALEONTOLOGY

Exercise for Happy Living.
11 min, B&W, 1950 . . . . $3.50
Dramatizes the role of exercise in building a strong body and a healthy, happy personality. Depicts a boy's keen disappointment at being only a "substitute" on a neighborhood ball team and his negative attitude toward exercise. Reveals by means of a dream sequence in animation the healthy effects of exercise. (EBF) el
HYGIENE; PHYSICAL EDUCATION

Exercise, Rest and Sleep.
11 min, Color, 1967 . . . . $7.00
Exercise, good posture, balanced meals, and plenty of rest and sleep are necessary for growth. More energy for school work and play can be obtained by following simple health rules. (AIMS) el, jh
HEALTH

Expanding Classroom: Enterprising Infants.
30 min, B&W, 1970 . . . . $6.50
Shot on location in English elementary schools, shows children being introduced to reading, writing and mathematics. The head teacher explains her methods of keeping records of individual children's progress. (BBC-TV; TL Films) c, a
EDUCATION

Expedition to Antarctica.
20 min, Color, 1953 . . . . $10.00
Based on the U. S. Naval film of Admiral Byrd's expedition to Little America, this film presents highlights of the preparation, activities and achievements of the polar expedition. Among dramatic sequences are the hunting and capture of Antarctic animals and birds, the discovery of a warm oasis near the South Pole, and an Antarctic blizzard in all its fury. (TFC) jh, sh
EXPLORERS

Explaining Matter: Atoms and Molecules.
14 min, B&W, 1959 . . . . $4.00
14 min, Color, 1959 . . . . $8.00
This film explains how atoms combine to form molecules which in turn form all materials. (EBF) el
CHEMISTRY

Explaining Matter: Chemical Change.
11 min, Color, 1960 . . . . $7.00
The film makes effective use of animation, laboratory demonstrations, and molecular models to show how the atoms from the molecules of two or more materials re-combine with each other to form molecules of entirely different materials; to show how chemical changes can produce energy in the human body through the process of digestion, and make food in green plants through the process of photosynthesis. (EBF) el, jh
CHEMISTRY

Explaining Matter: Molecules in Motion.
11 min, B&W, 1959 . . . . $3.50
11 min, Color, 1959 . . . . $7.00
This film explains the properties of solids, liquids, and gases, and how change of state is related to the molecular theory. (EBF) el
PHYSICS

Explorations in Shakespeare: Antony and Cleopatra–The World Well Lost.
23 min, Color, 1972 . . . . $10.00
A study of the conflict between Antony's roles: his duty as a statesman and his obligation as Cleopatra's lover. Can performance of duty be reconciled with personal dignity and love? (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: As You Like It–Doing Your Own Thing.
23 min, Color, 1972 . . . . $10.00
Essential themes in this film are the superficiality of relationships and the romanticism of "dropping out" of society. Are young couples today trying to break down the barriers of role-playing and deception? (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Coriolanus–The People's Choice.
23 min, Color, 1972 . . . . $10.00
The dilemma of Coriolanus, autocratic soldier-politician, who is unable to simulate gratitude in order to win the votes of the common people. The background illustrates modern political campaigns and rallies. (OECA; NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Hamlet–The Trouble with Hamlet.
23 min, Color, 1972 . . . . $10.00
Hamlet's despair, his attitude to others, and his environment are explored. The emphasis is on his confrontation with the classic existentialist dilemma. (OECA; NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Henry IV–The Making of the Ideal King.
23 min, Color, 1972 . . . . $10.00
Prince Hal's transformation from libertine to responsible leader. Passages from Henry IV are quoted, showing the development of the ideal king. The action moves from Boar's Head Tavern to Westminster Abbey. (OECA; NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: King Lear–Who is it Can Tell Me Who I Am?
23 min, Color, 1972 . . . . $10.00
Shown is the world of folly, madness, despair and human destruction which King Lear appears to unleash; and the growth of a man in self-knowledge and awareness. The film ends with the unresolved question of Lear's regeneration. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: MacBeth–Nothing is But What is Not.
23 min, Color, 1972 . . . . $10.00
This film suggests that MacBeth, living in a world of fantasy, has not yet found his identity. The hypothesis that he must "do a deed" forms the basis for an examination of murder, aggression and repression. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Othello–An Anatomy of A Marriage.
23 min, Color, 1972 . . . . $10.00
Othello is a character of mighty opposites; he is as extravagant in his love as in his hatred. Like the man, his marriage pivots between these two extremes. A young married couple discuss marriage and jealousy with respect both to Othello and Desdemona and to themselves. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Richard II–How to Kill the King.
23 min, Color, 1972 . . . . $10.00
Richard's fall from power and Bolingbroke's success are shown as a clash between the old world of Richard based on the false security of divine sanction and the more realistic world of Bolingbroke where personal merit and strength are the dominant factors. Contemporary parallels are drawn. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Romeo and Juliet–The Words of Love.
23 min, Color, 1972 . . . . $10.00
The decision made by lovers to count the world well lost when they reject social mores and give themselves to love is depicted in scenes from ROMEO AND JULIET. A discussion of current social barriers to love follows. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: The Tempest–O Brave New World.
23 min, Color, 1972 . . . . $10.00
Prospero has the magical power to dispose of evil, possibly even the power to create a "brave new world." The irony of that phrase, seen in the context of the play, and the struggle of Prospero to control evil are special concerns of the film. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations in Shakespeare: Troilus and Cressida–War, War, Glorious War.
23 min, Color, 1972 . . . . $10.00
Under the savage attack in this play no value survives. Heroic war becomes butchery; love is exposed as lechery; integrity and honor degenerate into deception and treachery. This theme is forcefully supported by ironic ballads, posters, and sequences from this play. (OECA, NBC) jh, sh, c, a
ENGLISH LITERATURE; SHAKESPEARE

Explorations on the Moon.
17 min, Color, 1970 . . . . $8.00
Documents the step-by-step process of the U. S. lunar exploration program from the launching of the first Rangers in 1961 to the landing of Apollo II on the moon in 1969. (Wiley) jh, sh, c, a
SCIENCE; GENERAL; SPACE FLIGHT

Exploring the Human Nervous System.
23 min, Color, 1964 . . . . $10.00
Compares the nervous system of the hydra and earthworm with the complexity of the human system. Vivid animation describes the reaction to a painful stimulus, detailing the physiology of the reflex arc and activity of certain brain centers. Included are examples of basic research on memory that relate classroom biology to an exciting frontier of knowledge. (Churchill Films) sh, c
NERVOUS SYSTEM

Exploring the Ocean.
11 min, Color, 1965 . . . . $7.00

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Pictures the ocean's floor, slopes and continental shelves. Investigates plants and animals, and explains how all life in the ocean depends on the tiniest forms of plant life. Describes the ocean's vast storehouse of minerals and describes the part played by the water cycle in depositing these minerals. Animation. (Churchill) el

MARINE BIOLOGY; OCEANS

Exploring the Unwritten Past.

22 min, Color, 1968 . . . . $10.00

Archeologists and geologists are shown using scientific methods to analyze objects for a glimpse of man in Britain prior to the advent of recorded history. (Boulton-Hawker Films; IFB) sh

ARCHAEOLOGY; HISTORY, ANCIENT (4000 B.C. - A.D. 476)

Exploring with the Time-Lapse Camera.

10 min, Color, 1967 . . . . $7.00

Explores the techniques and uses of time-lapse photography. The film demonstrates methods of taking single-frame exposures, both manually and mechanically, and shows the effects of allowing different time intervals between exposures. Although the sometimes comic, sometimes lyrical nature of the speeded action is entertaining, the emphasis in the film is on the practical uses of the technique. The most extensive coverage of the time-lapse camera's usefulness is given to the study of growing plants. Blooming flowers open quickly, a week's growth of seedlings is shown in a few seconds, and the growth from seeds planted in different positions is compared. (William M. Harlow; IFB) sh, c

MOTION PICTURES

Exposure Meter: Theory and Use.

9 min, Color, 1960 . . . . $6.00

Presents the theory of operation of the photoelectric exposure meter. Explains the component parts of the meter and the interpretations available from it. (Indiana University) sh, c, a

PHOTOGRAPHY

Expressionism.

26 min, Color, 1971 . . . . $13.00

Examines paintings of the major artists of this basically German movement which exaggerated both color and form to express emotional and psychological attitudes. (IFB) sh, c, a

ART, MODERN

Extinction: A Lesson from the Past.

13 min, Color, 1971 . . . . $7.00

Film traces animal life to its earliest prehistoric forms and studies these forms through the eras to the present. Special attention is paid to those animal species which still exist today from those earlier eras. (Journal Films) el, jh

EVOLUTION

Eye Hears, the Ear Sees.

59 min, Color, 1971 . . . . $20.00

This introduction to Norman McLaren and his work shows how he has made the many innovative films which are classic examples of film art. McLaren talks of what brought him to film-making and why he has never been content with conventional techniques. (NFBC; IFB) sh, c

MOTION PICTURES

Eye of an Artist.

21 min, Color, 1956 . . . . $10.00

Follows an artist as he looks for a subject to paint. Discusses effect of light on various compositions of buildings. Shows relationship of picture frame, composition, line, angle and curve. (Harry Webb & Elmer Albinson; IFB) sh, c, a

ART–STUDY AND TEACHING

Eye of the Beholder.

28 min, B&W, 1954 . . . . $6.50

Demonstrates the concept that no two people see the same situation in the same way. The film follows an artist during a dramatic incident in his life and looks at the judgments of his actions and personality as formed by several persons involved in the incident. The incident is then replayed and the artist's actions are seen "through his own eyes." (Stuart Reynolds Productions) sh, c, a

COMMUNICATION; PERCEPTION

Eyes.

4 min, Color, 1971 . . . . $6.00

An attractive young woman puts on a pair of glasses just as she is hit by a popped champagne cork, a fishing fly, welder's sparks, an exploding fire cracker, and other objects. (Industrial Accident Prevention Association; IFB) a

SAFETY

Eyes and Seeing.

19 min, Color, 1968 . . . . $10.00

Close-up studies of the parts of the eye and experiments with animals in a visual perception laboratory provide a clear distinction between the physical process and the electrochemical process of seeing. The film concludes with some of the problems to be solved in determining how the brain evaluates and acts on visual information. (EBEC) sh

PHYSIOLOGY

Eyes and Their Care.

11 min, B&W, 1941 . . . . $3.50

Examines eyes in terms of structure, functions, disorders, and hygiene. Reveals, with animated drawings, various parts of the eye and explains clearly the physiology of sight. Illustrates eye defects and describes their correction with proper glasses. (EBEC) jh, sh, c

HEALTH; PHYSIOLOGY

Eyes and Vision.

10 min, B&W, 1965 . . . . $3.50
10 min, Color, 1965 . . . . $7.00

Presents an animated explanation of the structures and function of the human eye. (EBEC) jh

ANATOMY; SIGHT; PHYSIOLOGY

Eyes: Their Structure and Care.

11 min, B&W, 1962 . . . . $3.50

Animation is used for a clear demonstration of the functioning of the eye and its structure. Common defects and how they are corrected are also shown, and the professions of the ophthalmologist, optometrist, and optician are examined. (Coronet) jh, sh

SIGHT

Ezra Jack Keats.

17 min, Color, 1970 . . . . $8.00

Mr. Keats grew up in New York, where he lives and works. In this film, he shares with us the city he knows and shows how he paints his world into his books for children. (Weston Woods) el

ARTIST; AUTHORS, AMERICAN

F

Fabulous Country.

52 min, Color, 1972 . . . . $19.00

This film is a look back at the events which make today's America what the author Thomas Wolfe called a "fabulous country, the only fabulous country." It captures the myths, heroes, and drama of American history. By criss-crossing in time and location, the film groups the events of history around ideas and puts them into a contemporary perspective. (NBC) jh, sh, c, a

U.S. HISTORY

Face of Red China.

54 min, B&W, 1958 . . . . $9.50

A filmed report on conditions inside Communist China, based chiefly on exclusive film photographed in China in November and December, 1958. The film contains extensive coverage of the communes by which Red China is mobilizing its vast human resources to do the work of machines. It includes scenes of workers in the fields undergoing military training; human beings doing animal-like labor as they mine and farm in primitive fashion; a modern steel rolling mill contrasted with hundreds of ancient hand forges; children receiving early military training, and Communist indoctrination; also scenes of urban life in Peking, Canton and Shanghai. (McGraw-Hill) sh, c

ANTHROPOGEOGRAPHY–FAR EAST; CHINA; POLITICAL SCIENCE

Face of the Earth.

12 min, Color, 1953 . . . . $7.00

In a series of dramatic views of the forces of nature at work, this film shows how the face of the earth has been changed–and is still being changed–by the unceasing war between "building up" forces and "wearing down" forces. (EBF) jh, sh

EARTH; GEOLOGY

Face of the High Arctic.

14 min, B&W, 1960 . . . . $4.00
14 min, Color, 1960 . . . . $8.00

This camera study of the High Arctic region reveals in vivid detail the crushing impact of glaciers, the spectacular beauty of icebergs and jagged mountains, and the erosive results of water. Dynamic visual evidence of an earlier life in this frozen land is presented, along with scenes of the region's natural resources.

Also included in the film story are scenes depicting seasonal changes. (EBF) jh, sh, c
ANTHROPOGEOGRAPHY–NORTH AMERICA; NATURAL RESOURCES; EARTH; GEOLOGY

Facing Reality.
12 min, B&W, 1954 . . . . $3.50
Daydreaming, identification, suppression and malingering are some common ways in which people try to escape from reality. This film shows how a high school boy is the victim of negative social attitudes until a sympathetic instructor encourages him to talk over his problems. (McGraw-Hill) sh, c, a
GUIDANCE, PERSONAL; PSYCHOLOGY

Fact Finders.
31 min, Color, 1967 . . . . $3.50
This film tells, in lively fashion, the rather dramatic story of how farm statistics are collected and used–from the farmers through the State-Federal Crop Reporting Service back to farms and agribusiness. Shows how farmers voluntarily report on their production plans for the benefit of others. Takes you into the U. S. Department of Agriculture building in Washington and shows crucial national crop and livestock reports being prepared and released under rigid security regulations. Cleared for TV. (USDA) jh, sh, c, a
AGRICULTURE–ECONOMIC ASPECTS

Facts About Film (2nd Edition).
12 min, Color, 1959 . . . . $7.00
Deals with the uses, protection, repair, packing, and storing of film. Shows various types of film and indicates where each is used most effectively. Demonstrates how to protect film during projection and storage, and points up common errors in using film and the damage which results. Points up the factors which can cause film damage and gives a demonstration on splicing broken film and clearing a sound motion picture projector. Revised version. (Visual Education Films; IFB) jh, sh, c, a
AUDIOVISUAL MATERIALS–UTILIZATION

Facts about Projection (2nd Edition).
16 min, Color, 1959 . . . . $8.00
Demonstrates inspection and maintenance of projection equipment and preparing a room for projecting a sound motion picture. (Visual Education Films; IFB) sh, c, a
AUDIOVISUAL EQUIPMENT–OPERATION AND MAINTENANCE

Fall is Here.
9 min, Color, 1967 . . . . $6.00
Why we have fall; signs of fall such as moderate temperatures, turning leaves, and harvesting crops. (IFB) el
SEASONS

Fallout and Agriculture.
23 min, Color, 1960 . . . . $3.50
This film provides information on radioactive fallout. It discusses the radioactive elements that can contaminate crops and food supplies, and illustrates how such contamination may be minimized. Cleared for TV. (USDA) sh, c, a
AGRICULTURE; ATOMIC BOMB; CIVIL DEFENSE

False Friends.
9 min, Color, 1970 . . . . $6.00
Animated film shows the effects of using heroin or opium. (IFB) sh, c, a
DRUG EDUCATION

False Note.
10 min, Color, 1972 . . . . $7.00
This film is one of Raoul Servais' earliest works, completed before CHROMOPHOBIA, but has been unavailable in the U. S. until the present time. This "old legend of the 20th century, during the time when men still know hunger,. . ." follows the adventures of a crippled little beggar-musician as he makes his way through a modern city with his small hand organ. (Raoul Servais; IFB) jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL

Families are Different and Alike.
14 min, Color, 1970 . . . . $8.00
The families of Theresa, Bill and Jimmy differ in background, size and where they live but have many important similarities. (Coronet) el
FAMILY

Family: The Boy Who Lived Alone.
11 min, Color, 1968 . . . . $7.00
An angry 9-year-old runs away from home because of imagined mistreatment by his family. The film faithfully records his feelings of being alone; his reactions to people he sees on the streets. The film follows the family as they wait for his homecoming and reunion the following morning. (EBEC) el, jh
FAMILY; GUIDANCE, PERSONAL

Family Circles.
31 min, B&W, 1949 . . . . $6.50
Shows how the interplay of home and school influence affects the development of today's youngsters. The experiences of three children illustrate how parental indifference, lack of imagination, and emotional conflict at home can destroy the confidence and enthusiasm necessary for a child's success at school. On the positive side we see the parents of Jimmy, who cooperate with his teachers, encourage his interests and help build constructive social attitudes.(NFBC; McGraw-Hill) c, a
EDUCATION; FAMILY

Family of Liberia.
17 min, Color, 1970 . . . . $8.00
A documentary of two life styles–the daily life of a mining town family and the activities in a traditional Liberian village. Such contrasts are understood and accepted by modern Liberians who hope to preserve a respect for traditions that may soon disappear. (EBEC) jh, sh
ANTHROPOLOGY

Fantasy of Feet.
8 min, Color, 1970 . . . . $6.00
Dramatic film techniques evoke enthusiastic response from young viewers about all kinds of shoes, why there are so many, and how feet serve their many different functions. (EBEC) el
CHILDREN'S FILMS

Far From Paris.
10 min, Color, 1971 . . . . $7.00
Presents a spectrum of French society outside Paris: the rudimentary existence of peasants in Auvergne; life in Brittany where half of France's fisheries are located. In the south, the film traces the route of the tourists along the Cote d'Azur and into the Alps and then turns north again to a small city in Brittany. (EBEC) jh, sh
FRANCE

Far Western States.
11 min, Color, 1955 . . . . $7.00
Surveys the region's geography, history, agriculture, and natural resources and describes the Far West's enormous growth and commercial expansion in recent decades. Equally important is the fresh overview of the West Coast way of life and cultural resources. (EBF) el, jh, sh, c, a
U.S.–REGIONS

Farewell To Childhood.
23 min, B&W, 1952 . . . . $5.00
A normal adolescent girl's various moods and apparent inconsistencies bewilder and confuse her parents. (Mental Health Film Board; IFB) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Farm Animals.
11 min, Color, 1957 . . . . $3.50
The scenes and natural sound effects in this film help pupils identify common farm animals. Film shows cows milked by machine and sheep being sheared. The farmer's young son takes care of newborn kittens, a calf and some chicks. Characteristics and habits of the animals are explained. Products obtained from farm animals are identified. (EBF; Connecticut Dairy and Food Council) el
ANIMALS, DOMESTIC; FARM LIFE; FARM PRODUCE

Farm Community.
14 min, Color, 1969 . . . . $8.00
A film study of the activities of one farm family shows their work and contribution to the community and some of the services they receive in return. (EBEC) el
FARM LIFE

Farmer.
14 min, Color, 1954 . . . . $8.00
Selecting one special day–the day Danny's prize calf was born–this film dramatizes the daily activities of a teen-ager and his younger brother and sister. As we follow their adventures, we see how the whole family shares in work and play on the farm. (EBF) el
FARM LIFE

Farmer for the World.
29 min, Color, 1968 . . . . $3.50
Today's export growth is one of the great historic developments in American agriculture. Here it is in simple words and dramatic

pictures to inform and entertain. Filmed abroad and told in terms of the people who are using our farm products for better living around the world...in modern Germany and Japan, in old-new Spain, and in teeming India. Cleared for TV. (USDA) sh, c, a
AGRICULTURE–ECONOMIC ASPECTS; FOOD SUPPLY

Farms Around the World.
11 min, Color, 1970 . . . . $7.00
Pictures different farming methods and how climate, soil, national customs and economics influence the kinds of crops grown. (Coronet)) el
FARM LIFE

Farmyard Babies.
10 min, Color, 1952 . . . . $7.00
As we follow Daisy, the farm dog, on her morning rounds, we see a variety of babies of the farmyard–lambs, calves, colts, chicks and others. The film provides answers to questions such as: What do farmyard babies look like? What do they sound like? What do they eat? (Coronet) el
ANIMALS, DOMESTIC

Fauvism.
17 min, Color, 1972 . . . . $8.00
Presents the main contribution of the Fauves to modern painting, namely their use of color. This love of color is aptly demonstrated in the paintings of Vlaminck, Matisse, Duchamp, Delaunay, Dufy and others. In their works color was used to express form, light and volume; it was used independently of subject matter or a given light and made the painting a universe in itself. (Les Films DuCypress; IFB) sh, c
ART, MODERN

Fears of Children.
29 min, B&W, 1951 . . . . $6.50
A case study of a normal five-year-old boy reveals how parents may accentuate fears by being either unduly protective or too severe. (Mental Health Film Board; IFB) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); CHILD STUDY

Federal Government: The Plan of Organization.
13 min, B&W, 1951 . . . . $3.50
Structure and functions of the Federal Government are presented here in a manner designed to give audiences a clear-cut picture and appreciation of its operation. Outlined are the primary divisions of responsibility in government; the reasons for this division and the problems that arise from the many quasi-legislative and quasi-judicial boards and agencies. The importance of understanding these things for maintenance of good, efficient, responsive government is stressed throughout the film discussion. (Coronet) jh, sh
U.S.–CONSTITUTION

Federal Reserve System.
20 min, B&W, 1950 . . . . $5.00
This film is a significant contribution to a better understanding of America's economic system which is of vital importance for all Americans today. Opening with a graphic scene of what happened during the panic of 1907, this film re-creates the part Woodrow Wilson and Carter Glass played in 1912 and 1913 in instituting the federal reserve system. By means of animation it explains such terms as deposit, liabilities, reserves, bank portfolios, rediscounted paper and elastic currency, and shows clearly how the federal reserve system has helped make possible stability in the country's economy and banking structure and over-all economy. (EBF) sh, c, a
BANKS AND BANKING

Federal Taxation.
11 min, B&W, 196[illegible] $3.50
This film analyzes the sources and uses of federal tax revenue with emphasis on defense and the general welfare as authorized by the Constitution. The student, as a future voter and taxpayer is encouraged to evaluate federal taxation in light of such questions as: Are our federal taxes fair? Are they adequate for our needs and consistent with our economic goals? (Coronet) jh, sh
U.S.–GOVERNMENT

Feeling of Depression (Mental Mechanisms Series).
30 min, B&W, 1950 . . . . $6.50
The case history of a conscientious, hard-working business man in his early thirties, who suddenly suffers periods of great despondency. The film uncovers the factors in his life which underlie this behavior and it is suggested that the resources of psychiatry may help him to understand himself and lead the way to a full rich life. (NFBC; McGraw-Hill) c, a
PSYCHOLOGY

Feeling of Hostility (Mental Mechanisms Series).
27 min, B&W, 1948 . . . . $6.50
The case history of Clare, an outwardly successful but inwardly incomplete personality. The causes of her feeling of resentment toward others and the resulting failure in personal relationships are traced in detail from early childhood, through an unhappy school life, and an intellectually satisfactory but emotionally frustrating college career, until we see her in a responsible editorial job in a publishing firm, her hostility directed into constructive effort. (NFBC; McGraw-Hill) sh, c, a
PSYCHOLOGY

Feeling of Rejection (Mental Mechanisms Series).
23 min, B&W, 1947 . . . . $5.00
A visual case history of a neurotic twenty-three-year-old girl. She suffers from physical symptoms, such as headaches, extreme fatigue, dizzy spells. As no physical causes can be found for these symptoms, which none the less are very real and distressing to the patient, she is referred by her doctor to a psychiatrist who is able to uncover the emotional basis for these physical reactions. (NFBC; McGraw-Hill) c, a
PSYCHOLOGY

Feet.
4 min, Color, 1971 . . . . $6.00
A young woman's bare feet dance through broken glass, with booted partners, over construction sites, near a falling kitchen sink, and away from a pursuing lawn mower. (Industrial Accident Prevention Association; IFB) a
SAFETY EDUCATION

Fiddle De Dee.
4 min, Color, 1948 . . . . $6.00
Interprets with color and abstract lines and forms the music "Listen to the Mocking Bird," as performed by a violin and string orchestra. (NFBC; IFB) el, jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL

Fiesta De San Fermin.
19 min, Color, 1968 . . . . $10.00
A Spanish language film. Views the Festival of San Fermin in Pamplona, Spain with its procession of floats, the carnival figures, the running of the bulls, the basque folk dancing and the 'Tienta do Reses'. Culminates with a bullfight and a street dance with fireworks. (IFB) jh, sh, a
SPANISH LANGUAGE

Fight Against Microbes.
29 min, Color, 1966 . . . . $13.00
Follows the development of methods to combat pathogenic bacteria. Points out the contributions of Jenner, Lister, Leeuwenhoek, Koch, Roux, Ehrlich, Domagh and Fleming. (ORGANIZATION FOR ECONOMIC COOPERATION & DEVELOPMENT; IFB) sh, c
MICROBIOLOGY

Filing Procedures in Business.
14 min, B&W, 1965 . . . . $4.00
This is a step-by-step breakdown of the procedures of record keeping in a typical modern business. Various types of filing equipment are used to demonstrate preparation of records for filing, actual filing, retrieval and transfer to storage. The film also shows the different methods of file organization, such as alphabetical, numerical, geographical and by subject. (Coronet) sh, c, a
BUSINESS EDUCATION

Film About Filmmaking.
17 min, Color, 1972 . . . . $8.00
A director shows how he and his friends made a film using means available to the student filmmaker. He explains the procedures used when finding locations, shooting scenes, and editing the film efficiently and the functions of the various crew members are explained. Technical terms such as match-cut and cut-away shot are illustrated and their practical application is demonstrated. The director then shows his completed film, which provides a fitting conclusion and, with its various types of composition, pace, and shot structure, visually amplifies the film as a whole. (IFB) jh, sh, c, a
AUDIOVISUAL MATERIALS–PRODUCTION; MOTION PICTURES

Film and You (Using the Classroom Film).
14 min, Color, 1961 . . . . $8.00
Shows how the motion picture plays a unique role in the classroom. A sixth grade teacher is about to show the film

Swedish Family Story to her class. We see how the class is prepared for the showing, and afterwards, how the full value of the film is enhanced and retained through a variety of follow-up activities. The importance of having proper background enrichment materials in the classroom is emphasized. (Bailey Films, BFA) c
MOTION PICTURES IN EDUCATION

Filmmaking.
27 min, Color, 1973 . . . . $13.00
Surveys all aspects of film production including directing, cinematography, lighting, editing, acting, and animation with emphasis on 16 mm. Includes a preview of the future possibilities of film in the form of a non-linear sequence comprised of film and slides which is transformed via videotape into a free-form synopsis of the film. (Wiley) sh, c, a
AUDIOVISUAL MATERIALS–PRODUCTION; MOTION PICTURES

Filmmaking Techniques Series: Acting.
32 min, Color, 1973 . . . . $13.00
Helen Hayes, Jim Backus, Vincent Price, Ronny Howard, Henry Fonda and others discuss problem areas that a film actor must deal with: preparation, lack of rehearsal time, loss of continuity, disappearing scenic reality, projection of performance, matching performance, emotional mismatches, patience, staying fresh, and overacting. Follows an actor from his audition/interview, through his first actual performance before the cameras. Explains film terminology. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Camera.
17 min, Color, 1973 . . . . $8.00
Interviews Mike Margulies, Lazlo Kovacs, Ernest Lazlo, Floyd Crosby, and others about major points of picture photography and cameras. Points out fundamentals for the beginning student, such as: color vs B&W, getting a start, camera movement, hand-held or tripod, lenses, actor-cameraman relationship, etc. Definitions and explanations are offered for many techniques. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Editing.
16 min, Color, 1973 . . . . $8.00
Covers all aspects of editing, from work print to finished edited film. Shows the student the step-by-step processes: setting up editing bench; rewinds; moviscop; splicing; breaking down work print; marking; adding dialogue; moviola; etc. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Going On Location.
17 min, Color, 1973 . . . . $8.00
Explains good preproduction planning, attention to detail, and logistics. Makeup, reflectors, talent releases, methods of making rolling shots, etc. are also covered. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Lighting on Location.
13 min, Color, 1973 . . . . $7.00
Covers key points, such as: sources of power, hook up, the use of filters on lights and cameras, polaroid filters, window diffusion, use of reflectors, etc. Introduces a variety of "grip" equipment. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Makeup–Aging and Hair.
17 min, Color, 1973 . . . . $8.00
Illustrates Beau Hickman of "Spartacus" and "The Ten Commandments" fame, demonstrates basic makeup techniques of the aging process and the application of beards and moustaches, black eyes, skin tones, and built-up noses. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Overview of 8mm Production.
17 min, Color, 1973 . . . . $8.00
Illustrates the problems a beginning filmmaker faces and the solutions he must seek. Areas covered include: script planning, location scouting, camera angles, editing, titling and post production sound. (AIMS) sh, c, a a
MOTION PICTURES

Filmmaking Techniques Series: Stage Lighting.
15 min, Color, 1973 . . . . $8.00
In this film, Art Kaufman, whose credits include the "Bewitched" and "Wagon Train" television series, introduces the different kinds of equipment and techniques used to create effective film lighting. Special effects lighting is demonstrated, as well as the use of scrims, silks and cookalourus. (AIMS) sh, c, a
MOTION PICTURES

Filmmaking Techniques Series: Stunts–Fights and Falls.
13 min, Color, 1973 . . . . $7.00
The body control necessary for falls and various falling techniques are illustrated, as well as tricks for safeguarding against injuries. Details the action in fight scenes and the teamwork needed to achieve reality without getting hurt. (AIMS) sh, c, a
MOTION PICTURES

Find the Information.
10 min, B&W, 1948 . . . . $3.50
This film emphasizes the use of indexes for finding information quickly. Al and Bob, who are preparing an index on atomic energy, are shown using the library card file and such general reference sources as *The Reader's Guide to Periodical Literature, Who's Who in America*, and *The World Almanac*. (Coronet) jh, sh
STUDY SKILLS

Find the Vowel.
11 min, Color, 1969 . . . . $7.00
Animation, music and sound effects combined with live film sequences are used to introduce the concepts that certain letters in the alphabet are called vowels, that each word has at least one vowel in it, and that each vowel has a sound. (Journal Films) el
ENGLISH LANGUAGE, LANGUAGE ARTS

Fine Feathers.
6 min, Color, 1972 . . . . $6.00
Enchanting story about a blue jay and loon who exchange their feathers for colored leaves which the wind then blows away. Teaches a valuable lesson about self-acceptance and vanity to viewers. Award winner. (NFBC; Benchmark Films) jh, sh, c, a
STORIES

Finger Painting of Wu Tsai Yen.
11 min, Color, 1953 . . . . $7.00
Pictures the artist Wu Tsai Yen as he demonstrates the creative possibilities of finger painting, using the finger, the fingernail, and the side of the palm. (Marvin Becker Film-Maker; IFB) sh, c, a
ART–STUDY AND TEACHING

Fir Tree.
27 min, Color, 1971 . . . . $13.00
This dramatization of Hans Christian Andersen's touching little tale about a fir tree with large ambitions makes a charming film at Christmas time or whenever teachers want to illustrate a fairy story with a live-action motion picture. (EBEC) el
CHILDREN'S FILMS

Fire Mountain.
9 min, Color, 1970 . . . . $6.00
Provides a dramatic closeup view of the eruption of Kilauea, on the island of Hawaii, in August 1969. Contains some of the most dramatic footage ever obtained of a volcano in action. (EBEC) el, jh, sh, c, a
NATURAL HISTORY; HAWAIIAN ISLANDS

Fire Safety–Hall of Flame.
15 min, Color, 1973 . . . . $8.00
Underlines the basic dangers of fire to children by utilizing an elfin-like character (Ashley Burnes), a flame whose museum's mementos provide the concept. Fire safety preventive measures for children include playing with matches, camp fires and fire in the home. (AIMS) el, jh
SAFETY EDUCATION

Fire: What Makes It Burn.
11 min, B&W, 1967 . . . . $3.50
11 min, Color, 1967 . . . . $7.00
Uses laboratory demonstrations to show what is needed to make a fire, what a flame is, how combustion takes place, and how a fire can be extinguished. (EBEC) el
CHEMISTRY, ORGANIC; FIRE PREVENTION; SAFETY EDUCATION; SCIENCE, GENERAL

Fireman.
11 min, B&W, 1954 . . . . $3.50
Portrays the duties and activities of a company of firemen and demonstrates how firemen prepare for emergencies by practicing fire-fighting methods. Describes the work of the firemen as they answer an alarm, speed to an actual fire, and extinguish the blaze. (EBF) el
COMMUNITY SERVICES

First Aid: Fundamentals.
10 min, Color, 1953 . . . . $7.00
This is a practical introductory film on the important first aid fundamentals any boy or girl should learn. Skin wounds, burns,

sprains, bruises and their proper treatment are shown, as well as an introductory demonstration of the back-pressure arm-lift method of artificial respiration. (Coronet) jh
FIRST AID

First Aid on the Spot.
11 min, B&W, 1960 . . . . $3.50
This film features six common types of injuries or disabilities and the approved American Red Cross technique for handling each specified case. The film provides demonstrations of caring for wounds, burns and shock; of splinting, controlling bleeding, and of administering artificial respiration by both approved methods. (EBF) jh, sh
FIRST AID

First Americans.
53 min, Color, 1969 . . . . $19.00
Excavated bones in Siberia mark the beginning of man's prehistoric migration from Asia across the Bering Land Bridge to Alaska. These hunters left remains that indicate their travel to the tip of Tierra Del Fuego. (NBC) jh, sh, c, a
HISTORY, ANCIENT (4000 B.C.-A.D. 476)

First Flickers.
27 min, B&W, 1969 . . . . $6.50
Films produced from 1894 through 1912 with such early greats as Mary Pickford and Mack Sennett, the first film ever copyrighted, and two versions of the Great Train Robbery. (NBC) jh, sh, c, a
MOTION PICTURES

First Friends.
22 min, Color, 1973 . . . . $10.00
Shows how a child becomes part of a group. Set in a pre-school, youngsters play together and reveal a wide range of feelings, attitudes and behavior. (IFB) sh, c, a
CHILD STUDY

First Many-Celled Animals–The Sponges.
17 min, B&W, 1962 . . . . $4.00
Demonstrates that the sponge represents one development of multicellularity in animals, and shows some of the adaptations of the body plan of this primitive animal. Live photography, animation, photomicrography, and laboratory experimentation are used to show life processes and adaptation of sponges to their environment. (EBF) sh, c
ANIMALS–HABITS AND BEHAVIOR; MARINE BIOLOGY; ZOOLOGY

First Men into Space.
16 min, Color, 1962 . . . . $8.00
This film portrays the major problems of orbital space flights and how solutions to such problems had to be found by study in ground laboratories. The problems of weightlessness, air pressure control, food supply, radiation, carbon dioxide, gravity, blast-off, and heat of re-entry along with basic operations of capsule control are discussed by means of scale models, animation, and live photography. (EBF) el, jh, s
SPACE FLIGHT

Fish.
8 min, Color, 1971 . . . . $6.00
A Czech folk tale animated. (IFB) el, jh, sh
FOLKLORE, MYTHOLOGY

Fish and the Burning Stones.
5 min, Color, 1968 . . . . $6.00
Presents a folk tale about the discovery of coal in Pennsylvania. With appropriate music, and narrated by E. G. Marshall, this story of a boy's act of kindness and a grateful fish will delight audiences of all ages. (AIMS) el, jh
CHILDREN'S FILMS; FOLKLORE

Fish Embryo: From Fertilization to Hatching.
12 min, Color, 1963 . . . . $7.00
Illustrates how fish eggs are fertilized in a stream, then traces the development of the zygote from the first cell cleavage to the formation of a young fish. Probably the most complete account of fish embryology so far recorded on film. (Film Award: Congress of International Associations of Cinematographic Technique, Turin, Italy.) (EBF) sh, c
EMBRYOLOGY; FISHES; REPRODUCTION, ANIMALS

Fish Family.
11 min, Color, 1957 . . . . $7.00
This film shows the complete reproduction cycle of the Blue Acara fish. Included are the processes of nest preparation, egg laying, fertilization, care during incubation, nursery construction, transporting hatchings to nurseries and guarding the young. The close family relationship of the Blue Acara is emphasized. (MIS) el
FISHES; REPRODUCTION, ANIMALS

Fish Naturally!
14 min, Color, 1968 . . . . $3.50
The fish that provide the thrills in this film are big northern pike caught in the freshwater lakes of the Flin Flon area of northern Manitoba. (NFBC; CTF) a
CANADA–DESCRIPTION AND TRAVEL; FISHING; SPORTS

Fish Out of Water.
11 min, Color, 1954 . . . . $7.00
The grunion comes out of the ocean to lay its eggs on the shore at a precise time. The female deposits her eggs in the sand and then struggles back into the ocean. Laboratory demonstration with grunion eggs shows the relationship of the hatching process to the tide movement. The grunions complete embryonic development, from the fertile egg to the hatching fish, is captured on film. (MIS) el, jh, sh, c
FISHES; REPRODUCTION, ANIMALS

Fish That Almost Drowned.
10 min, Color, 1966 . . . . $7.00
A Soviet-produced film in which a fish describes incidents that take place in the aquarium–the life habits of a fish; how it builds its nest; and how an accident nearly caused its death. This film is also useful in primary science classes. (Moscow Ed. Films; EBEC) el
FISHES; SCIENCE, GENERAL; STORIES

Fisherman and His Wife.
20 min, Color, 1970 . . . . $10.00
A poor fisherman hooks a very special fish – a prince under a spell. He lets it go, but his wife demands that the magic fish grant them wishes, and learns a painful lesson about greed. (Weston Woods) el
CHILDREN'S FILMS

Fisherman's Boy.
10 min, Color, 1955 . . . . $7.00
Danny's father is captain of a commercial fishing boat, the "Oliver Smith," yet Danny has never been fishing on it. When can he go? When he is a real fisherman, his father tells him, so he can do the work a fisherman has to do on the "Oliver Smith." Danny decides to learn about fishing and with the help of Mr. Brown who has fished for many years, Danny does learn to fish with a pole from the dock and so earns the right to go out with his father on the "Oliver Smith." (Coronet) el
STORIES

Fishing on the Coast of Japan.
13 min, Color, 1963 . . . . $7.00
Depicts the rigorous existence of Japanese fishermen. No narration. Authentic Japanese music. (Julian Bryan; IFF) el, jh, sh, c, a
FISHING; JAPAN

Five British Sculptors Work and Talk.
28 min, Color, 1963 . . . . $13.00
The five British sculptors who work and talk in this film are as follows: Barbara Hepworth, Kenneth Armitage, Lynn Chadwick, Reg Butler, and Henry Moore. (Contemporary Films, Inc.; Warren Forma) sh, c, a
SCULPTURE; ART

Five Chinese Brothers.
10 min, Color, 1958 . . . . $7.00
Five identical-looking brothers outwit the townspeople and save themselves from a tragic demise. (Weston Woods) el
CHILDREN'S FILMS

Five Colorful Birds.
11 min, Color, 1962 . . . . $7.00
Using completely new footage, new sound, and authentic bird calls, this third edition presents the American gold-finch, cedar waxwing, scarlet tanager, redheaded woodpecker, and eastern bluebird in their natural surroundings. The film shows the characteristic colorful plumage and nesting and feeding habits of each bird. (Coronet) el, jh
BIRDS

Flatland.
12 min, Color, 1965 . . . . $7.00
This animated film, based on the short novel by Edwin A. Abbott, depicts the tale of a Square who lives in Flatland, and the difficulties he encounters in trying to convince his two-dimensional society of the existence of a third dimension.

(Award winner) (John Gardner; Contemporary) el, jh, sh, c, a

MATHEMATICS

Flatworms: Platyhelminthes.

16 min, B&W, 1963 . . . . $4.00

Introduces the organization and functions of the flatworm body, and illustrates the advance it represents over the more primitive coelenterates. Regeneration demonstrations with planarias illustrate the principles of polarity, anterior-posterior gradient, and dominance. (EBF) sh, c

ANATOMY

Flight.

8 min, Color, 1972 . . . . $6.00

Filmed over the Laurentians and the Canadian Rockies, this film follows the gliders as they soar and sweep over the countryside and river. (NFBC; IFB) el, jh, sh

AIRPLANES

Flight in White.

15 min, Color, 1970 . . . . $3.50

Filmed without commentary it conveys the joyful essence of a winter holiday for young and old, novice or skilled skier. (NFBC; CTF) el, jh, sh, c, a

SPORTS

Flooding River: A Study in Riverine Ecology.

34 min, Color, 1972 . . . . $13.00

Provides intensive scientific documentation of the spring flooding cycle of the Connecticut River in relation to its flora, fauna, and geology in order to illustrate the fact that rivers are self-sustaining and dynamic ecosystems which owe their existence to the natural phenomenon of flooding. Examines the damaging effect extensive dam building can have on the riverine environment. (Wiley) c

ECOLOGY; GEOLOGY; RIVERS; ZOOLOGY

Floor Exercise and Tumbling for Girls.

16 min, Color, 1971 . . . . $8.00

Portrays a combination of floor skills, tumbling and free exercise combinations from beginning, intermediate through the advanced level. Uses both slow motion and regular speed photography to expertly illustrate the movements. (AIMS) jh, sh

PHYSICAL EDUCATION

Flow of Electricity.

11 min, B&W, 1962 . . . . $3.50

Explains the factors that affect the flow of electricity through a simple electric circuit, introduces the electron theory, and shows the operation of a simple electric circuit in a home situation. (McGraw-Hill) el, jh

ELECTRICITY

Flow Process Chart and How to Use it.

15 min, Color, 1948 . . . . $8.00

How to prepare a flow process chart to study and apply work simplification; four keys to process charting; operation, transportation, storage, and inspection. (Library of Congress; UWF) c, a

JOB ANALYSIS

Flow Visualization.

30 min, B&W, 1963 . . . . $6.50

The purposes of this film are: (1) to illustrate the use of flow visualization in solving engineering problems and establishing mathematical models for analysis of flow fields; (2) to clarify the kinematic concepts linking visual observations to the velocity field in steady and unsteady flow. The concepts of streamline, streak line, path line, and time line are defined and illustrated. (National Committee for Fluid Mechanics Films) c

ENGINEERING; PHYSICS

Flowers at Work.

11 min, Color, 1956 . . . . $7.00

Explains the main function of flowers as that of producing seeds. Animated drawings describe the structures and functions of sepal, petal, stamen, pistil, anther, pollen, style, and ovary. Close-up and slow-motion phtography depict different methods of pollination and reveal the work of the bee in cross-pollination. (EBF) jh, sh, c, a

FLOWERS

Foaling Mare.

10 min, si, Color, 1954 . . . . $7.00

Shows the normal delivery of a healthy pure-bred foal and placenta by a pure-bred Morgan mare, Quaker Lady. Filmed at the University of Connecticut, College of Agriculture Horse Barn. (UConn) sh, c, a

ANIMALS, DOMESTIC; REPRODUCTION, ANIMALS

Focus on Behavior: Conscience of a Child.

30 min, B&W, 1962 . . . . $6.50

Shows some of the ways in which psychologists are studying the growth and development of personality and emotional behavior in children. Gives an example of how completion stories are used to test parental identification. (Mayer-Sklar, Inc.; NET) sh, c, a

CHILD STUDY, PSYCHOLOGY

Focus on Behavior: Need to Achieve.

30 min, B&W, 1962 . . . . $6.50

Dr. David McClelland of Harvard University explains his psychological theory – that the economic growth or decline of nations is dependent to a large extent upon the entrepreneurs of these nations. (Mayer-Sklar; NET) sh, c, a

PSYCHOLOGY

Fog.

9 min, Color, 1971 . . . . $6.00

Captures the poetic and artistic mood of fog as the scientific phenomena of its textures, patterns, and motion are explored. Carl Sandburg's poem "Fog," was the inspiration for this non-narrated film. (EBEC) el, jh, sh

MOTION PICTURES, EXPERIMENTAL; POETRY

Folie a Deux (Mental Symptoms No. 9).

15 min, B&W, 1951 . . . . $4.00

A demonstration of symptoms in one of the less common forms of mental disease, folie a deaux, or induced insanity. Two patients, mother and daughter, are presented. The psychosis developed first in the daughter and then communicated to the mother, who is very dependent upon and has a close emotional attachment to her child. The daughter expresses a number of grandiose delusions and delusions of persecution, which ideas the mother accepts as reality. For professional audiences only. (McGraw-Hill; NFBC) c

PSYCHOLOGY

Follow the Leader.

11 min, Color, 1966 . . . . $7.00

An animated leadership training film designed to make the well informed expert aware of ways in which he can use his knowledge, experience, and creativity to inspire others to effective action. In a series of amusing vignettes, the film presents types of leaders which are all too recognizable...and all too ineffective. It then goes on to outline basic principles which skillful leaders can apply to motivate, guide, and direct others in a productive way. (Awarded First Prize for excellence at the Second Annual Management Film Festival.)(Pan American World Airways; Henry Strauss & Co.) sh, c, a

PERSONNEL MANAGEMENT

Food-Getting Among Animals.

12 min, Color, 1956 . . . . $7.00

Presents an astonishing variety of techniques, used to detect and capture food. Examples are drawn from the anteater, rattlesnake, barnacle, archerfish, chameleon and many other. (MIS) el, jh, sh

ANIMALS–HABITS AND BEHAVIOR

Food Preparation: Some Basic Ideas.

10 min, Color, 1965 . . . . $7.00

Discusses as an introduction to the art of cooking, good sense in marketing, selection of utensils, planning the meal, care and use of the range and methods for preparing vegetables, meats, poultry and baked goods. (Journal Films) jh, sh, a

COOKERY; FOOD

Food Preparation Terms, Part I.

8 min, Color, 1972 . . . . $6.00

Basic techniques and utensils used in the preparation of fruits and vegetables. (AIMS) jh, sh, c, a

COOKERY; HOME ECONOMICS

Food Preparation Terms, Part II.

10 min, Color, 1972 . . . . $7.00

Basic techniques and utensils used in the mixing of ingredients in the preparation of baking, broiling or roasting. (AIMS) jh, sh, c, a

COOKERY; HOME ECONOMICS

Food Supply: Its Effect on Civilization.

15 min, Color, 1967 . . . . $8.00

Traces some of the elements that have led to the present worldwide agricultural revolution in terms of land use, people and machines. Traces the history of food supply from ancient Greek culture to present day. (Altschul; Journal Films) jh, sh

FOOD SUPPLY; HISTORY

Food that Builds Good Health.

11 min, B&W, 1967 . . . . $3.50

When their mother is called out of town, Jill and John assume the responsibility for preparing nourishing and interesting meals. With them, we learn of the four large food groups that help supply the body's needs for proteins, carbohydrates, fats, vitamins, minerals and water. These food groups are the meat group, milk group, bread-cereal group, and vegetable-fruit group. (Coronet) el, jh
FOOD; HYGIENE; NUTRITION

Food, the Color of Life.
23 min, Color, 1965 . . . . $3.50
A documentary tracing the place of food in man's evolution. Importance of the choice of a well balanced diet to the individual is stressed. (National Dairy Council; Connecticut Dairy and Food Council) jh, sh
NUTRITION; HOME ECONOMICS; HEALTH

Foods and Nutrition.
11 min, B&W, 1940 . . . . $3.50
A study of the metabolic processes showing the distribution of carbohydrates, fats, proteins, minerals, vitamins, etc. through the body. Illustrated by diagrammatic drawings, and experiments on white mice, with explanatory remarks by a commentator. (EBF) sh, c, a
FOOD; NUTRITION

Foods Around The World.
11 min, Color, 1966 . . . . $7.00
Examples from six continents show how land conditions and climate determine the kind of food people raise and eat. (Coronet) el
CLIMATE; FOOD

Foolish Frog.
8 min, Color, 1972 . . . . $6.00
Pete Seeger sings and plays one of everybody's favorite folk songs about the frog whose vanity led to his own destruction when he was carried away by a song that he heard a farmer singing about him. (Weston Woods) el
CHILDREN'S FILMS, FOLK MUSIC

Forbidden City.
43 min, Color, 19973 . . . . $16.00
A walk through the Forbidden City today recalls a part of the history of China when the Mings and Manchus ruled in isolated splendor amid magnificent architecture, artifacts, and paintings, while the majority of the Chinese people lived in hopeless poverty. (NBC) jh, sh, c, a
CHINA

Force of Gravity.
10 min, B&W, 1949 . . . . $3.50
One of the Elementary Science series, explaining the theory of gravity and its observable effects. (McGraw-Hill) el
GEOLOGY; PHYSICS; SCIENCE, GENERAL

Forces: Composition and Resolution.
11 min, B&W, 1962 . . . . $3.50
Beginning with a simple example of forces acting in a straight line at a single point, this film defines forces as vector quantities, and illustrates how components and resultants may be determined graphically. Real-life examples, models, and animation illustrate the methods for finding both resultant and components in problems involving two or more forces acting at angles. (Coronet) sh
POWER (MECHANICS); PHYSICS

Foreign Marketing Newsreel.
13 min, Color, 1963 . . . . $3.50
This film explains how and why U.S. farm products are finding large markets and making big news in the intensely competitive world of the 1960's. The film action includes scenes of a fashion show in Canada, a trade fair in Austria, a Nigerian marketplace, and a Brazilian coffee plantation, all of which emphasize the work done by the U.S. Agricultural Attaches helping American farmers and industry reach their customers. Cleared for TV. (USDA) sh, c, a
AGRICULTURE–ECONOMIC ASPECTS; FARM PRODUCE

Forest Patterns–Beauty and Use.
20 min, Color, 1965 . . . . $3.50
This filmograph combines the slides and the recorded voice of Edward P. Cliff, Chief, Forest Service, Department of Agriculture on the occasion of a presentation to the National Council of State Garden Clubs at their annual convention in Portland, Oregon on May 25, 1965. Mr. Cliff's message is an important one about the patterns of management of the National Forests landscape gardening on a massive scale. He stresses the planned, scientific, and systematic harvest of timber–the management pattern called patch cutting. (USDA) sh, c, a
FORESTS AND FORESTRY; NATIONAL PARKS AND RESERVES

Forgotten American.
25 min, Color, 1968 . . . . $10.00
Documents by example and statistics the economically deprived, alienated and culturally denuded condition of Indian communities on reservations and in urban areas. Indicates possible solutions to the problems raised. (Award Winner) (CBS; Carousel) jh, sh, c, a
INDIANS OF NORTH AMERICA; SOCIOLOGY

Formation of Raindrops.
26 min, Color, 1967 . . . . $13.00
Describes the two mechanisms known to be responsible for the growth of cloud droplets to the size of raindrops, i.e., coalescense and glaciation. Current experimental techniques are employed to show that cloud droplets can never reach raindrop size by condensation alone, that larger cloud droplets can combine or coalesce with slower falling smaller ones when electrical forces of attraction are present, and that the transfer of water vapor from supercooled cloud droplets to ice nuclei can result in the formation of ice crystals and snow. (American Meteorological Society; MLA) sh, c
PHYSICS; WEATHER

Formulas in Mathematics.
10 min, Color, 1960 . . . . $7.00
Presents an analysis of the formula, D= rt, through the use of animation and live-action photography. (Visual Education Films; IFB) sh
MATHEMATICS

Forum Scene (Julius Caesar).
17 min, B&W, 1961 . . . . $4.00
From the feature film "Julius Caesar, Act III, Scene 2" starring Charlton Heston. (Avon Productions Inc.; IFB) sh,, c
ENGLISH LITERATURE, SHAKESPEARE

Fossils: Clue to Prehistoric Times.
11 min, B&W, 1957 . . . . $3.50
The exciting story of fossils (the traces of ancient animals or plants), where they are found, how they were formed, and what they tell about the development of life on earth is the subject of this film. Museum dioramas, animation, and many fossil specimens are used to explain the work of scientists and their findings. (Coronet) el, jh
PALEONTOLOGY

Four Families, Part I, India and France.
30 min, B&W, 1960 . . . . $6.50
An on-the-spot comparison of family life in four countries, in which the internationally known author-anthropologist, Margaret Mead, discusses how the upbringing of a child contributes to a distinctive national character. Center of attention in each case is a year-old baby in the family of a farmer of average means. (McGraw-Hill) sh, c
ANTHROPOLOGY; CHILD STUDY; FAMILY

Four Families, Part II, Japan and Canada.
31 min, B&W, 1960 . . . . $6.50
An on-the-spot comparison of family life in four countries in which the internationally known author-anthropologist, Margaret Mead, discusses how the upbringing of a child contributes to a distinctive national character. Center of attention in each case is a year-old baby in the family of a farmer of average means. (McGraw-Hill) sh, c
ANTHROPOLOGY; CHILD STUDY; FAMILY

Fox and the Rooster.
10 min, B&W, 1951 . . . . $3.50
This pictorial adaptation of one of Aesop's fables points up the moral that even a clever schemer can be outwitted when good friends help each other. Real animals play all the roles. Characters are a fox, owl, rooster, possum, and dog. (EBF) el
ANIMALS–STORIES

Fox Went Out on a Chilly Night.
8 min, Color, 1969 . . . . $6.00
Presents a traditional folk song about a fox chase through New England countryside in the fall. (Weston Woods) el
CHILDREN'S FILMS; FOLKLORE

France: Background for Literature.
10 min, Color, 1950 . . . . $3.50
Students go to the France of Hugo, Balzac, de Maupassant, Dickens, and Poe to see for themselves the settings for their famous stories. Here the moods and emotions of France are

captured and presented as an authentic background for discussion and special class projects. (Coronet) jh, sh, c

FRANCE; LITERATURE–HISTORY AND CRITICISM

France in the New World (Colonial Life in Canada).

16 min, B&W, 1963 . . . . $4.00

Dramatizes the way of life of the colonists in the heart of New France–the region along the St. Lawrence river between Montreal and Quebec–during the early 1700's. Reviews early exploration in North America by Cartier, Champlain, La Salle, and other French explorers; and shows the settlement of thousands of Frenchmen that followed. Reveals how the influence of these colonists has strongly endured in French Canada. (EBF) jh, sh

CANADA

France: Molly Visite Ses Cousins Parisiens.

16 min, Color, 1961 . . . . $8.00

This is a foreign language film with simple, slowpaced native French narration. The film story includes scenes of the Tuileries Gardens: children sailing their tiny boats and feeding the pigeons, the Louvre, Place de la Concorde, Place Vendome, the wholesale markets, Brentano's Citroen showrooms, Waterman Pen Shop, flower market, open-air book stalls, the yacht races, rowing in the Bois de Boulogne, and of a pleasure trip down the Seine, shared with a group of school children. (Frith Films) sh, c

FRENCH LANGUAGE

Francoise et Son Lapin.

10 min, Color, 1962 . . . . $7.00

Shows a small girl, Francoise, and her pet rabbit, Hopper, on a rainy day. At first there seems to be nothing to do, but Francoise decides to draw with crayons. Hopper helps her. She draws a tree, a house, a bed of flowers, and completes the picture with grass, a blue sky, and the sun shining. By this time the sun is out and Francoise and Hopper are seen going outside to play. French language narration. (IFB) el, jh

FRENCH LANGUAGE

Frankfort Heute.

19 min, Color, 1971 . . . . $10.00

Presents this modern city to the advanced student of German. Frankfurt is an international center of transportation, trade, industry, finance, and culture. (IFB) sh, c

GERMAN LANGUAGE FILMS

Frankfurt am Main.

15 min, Color, 1968 . . . . $8.00

This film gives the German language student a picture of the ancient and yet modern city of Frankfurt am Main–the birthplace of Goethe, seat of the first German Parliament, and for centuries a center of commerce. (IFB) sh, c, a

GERMAN LANGUAGE FILMS

Frederick Douglass.

9 min, Color, 1971 . . . . $6.00

Depicts the contributions of runaway slave, Frederick Douglass, who fathered the black protest movement. He was first renowned as a spellbinding orator on the terror and humiliation slaves suffered. Later he became an author, advisor to Presidents and constant champion of freedom for his black brothers. (EBEC) jh, sh

BLACK AMERICANS; U.S.–HISTORY

Freedom in Flight.

29 min, Color, 1972 . . . . $13.00

Places the student in the cockpit during an actual ILS approach. Demonstrates the limitations of man's balance mechanism. Observes the many facets of air traffic control at a major airport. Emphasizes the importance of total commitment by the pilot to his instruments. (MIS) jh, sh

AERONAUTICS

Freedom Trail in Boston.

14 min, Color, 1965 . . . . $8.00

Starting at Boston Common we follow a path through the years from the Boston Massacre to the War of 1812. (Melvin Brodshaug; IFB) el, jh

U.S.–HISTORY

Freeway Driving.

11 min, Color, 1959 . . . . $7.00

Demonstrates safety rules and driving habits essential for modern "high speed, no stop" highways. (Fass-Levy Films; IFB) sh, c, a

SAFETY EDUCATION

Freight Train.

11 min, B&W, 1955 . . . . $3.50

In this film we see the assembling of Fast Freight Train No. 40 and follow it on its journey from Kansas City to Chicago. We meet all the people involved in this operation and find out why freight trains are important in our daily lives. (EBF) el

RAILROADS

French and Indian War (Seven Years War in America).

16 min, B&W, 1962 . . . . $4.00

In this film, the largest collection of paintings ever assembled on the French and Indian War offers a vivid and realistic picture of key episodes, places and people. The film explains some of the differences between French and English colonial policy and ways of life, and shows why traditional European methods of fighting would not work in the American wilderness. The battle of Quebec is shown in detail, culminating in its fall to the British. (EBF) jh, sh

CANADA; U.S.–HISTORY: COLONIAL PERIOD

French Influences in North America.

10 min, B&W, 1951 . . . . $3.50

From the Gulf of the St. Lawrence to the mouth of the Mississippi, the great French Empire in North America left a profound influence upon the culture of this continent. The living evidences of that culture on our own language, dress, architecture, religion and art forms are a part of the film story. Authentic historical locations from Quebec, Canada, to former forts and trading posts of the middle west, down to the bayous of Louisiana, document the widespread movement and influence of French explorers. (Coronet) el, jh, sh

U.S.–HISTORY

French Revolution.

16 min, B&W, 1957 . . . . $4.00

The controversial issues, great personalities, and turbulent events leading up to and through The French Revolution are brought to the screen through the experiences of M. Roget, lawyer and member for the Third Estate. Dramatized episodes in European settings bring vitality to the study of this significant epoch in world history. (Coronet) jh, sh, c

EUROPE–HISTORY: 1789-1900; FRANCE

French Revolution: Birth of a New France.

21 min, B&W, 1965 . . . . $5.00

21 min, Color, 1965 . . . . $10.00

Shows the controversies brought about by the revolution. Explains the opposition of the nobles and clergy, the sense of conflict within the king and the rise of radical groups. Follows France's progression from a republic to a dictatorship under Napoleon. (EBEC) sh

EUROPE–HISTORY: 1789-1900; FRANCE

French Revolution: Death of the Old Regime.

17 min, B&W, 1965 . . . . $4.00

17 min, Color, 1965 . . . . $8.00

Uses scenes of actual locations, pictures, and sculpture to re-create the chaotic events in the last days of the Old Regime in France; the rebellion of the Third Estate, the storming of the Bastille, and the transfer of power from Versailles to Paris. (EBEC) sh

EUROPE–HISTORY: 1789-1900; FRANCE

Friendly Enemy.

24 min, B&W, 1955 . . . . $3.50

The setting for this film is the laboratory, the content depicts the nature and properties of alcohol, its uses in industry, and the effects it has on the human body. (WCTU) jh, sh, c, a

CHEMISTRY, ORGANIC; PHYSIOLOGY

Frisky, The Calf.

10 min, B&W, 1950 . . . . $3.50

This film tells a story of a likeable calf and takes children into the barnyard where they see him grow up. The film is designed to stimulate youthful interest in the world about them and provide a valuable background for reading and expression. (Coronet) el

ANIMALS, DOMESTIC; ANIMALS–STORIES

Frog.

10 min, B&W, 1965 . . . . $3.50

Traces the complete development of the frog and examines its physical traits and characteristics. Closeup and time-lapse photography portray the development of the tadpole embryo and the hatching of eggs. (EBF) el, jh, sh, c

ANATOMY; ANIMALS; ZOOLOGY

Frog Prince.

7 min, Color, 1969 . . . . $6.00

The story of a stubborn princess who doesn't want to keep her promise. After her father, the king, makes her honor her word, she discovers that doing the right thing can have its own reward.

(EBEC) el
CHILDREN'S FILMS

Frog Went A-Courtin'.
12 min, Color, 1967 . . . . $7.00
A sing-a-long presentation of the familiar folk song, "Frog Went A-Courtin'." (Weston Woods) el
CHILDREN'S FILMS

Frogs and Toads.
12 min, Color, 1960 . . . . $7.00
Illustrates the life cycle of frogs, and discusses the life functions of frogs and toads. (McGraw-Hill) jh, sh, c
ANATOMY; ANIMALS; ZOOLOGY

From Doric to Gothic.
20 min, B&W, 1962 . . . . $5.00
The basis of balance (equilibrium) in architecture is clearly and beautifully conveyed in a film excursion into the history of architecture with a firm grasp of cinematic art. This film makes excellent use of animation, diagrams, plans, scale models and actual scenes of buildings and exteriors including famous cathedrals. Narrated in English. (Atlantic Film; Brandon, France) sh, c
ARCHITECTURE

From Every Shires Ende: World of Chaucer's Pilgrims.
38 min, Color, 1969 . . . . $13.00
Presents the many architectural works constructed along the route of the 14th-century pilgrimage to Canterbury Cathedral. (Pilgrim Film Productions; IFB) sh, c, a
ENGLISH LITERATURE

From Five to Seven-Thirty.
23 min, B&W, 1963 . . . . $3.50
This film depicts the story of a young high school couple that closed the door on the liquor cupboard after the observations of social drinking practiced at home. The film story is a direct attack on the cocktail hour in the American home. (WCTU) sh, a
GUIDANCE, PERSONAL; SOCIAL PROBLEMS

From Moscow to the Baykal.
14 min, Color, 1963 . . . . $8.00
Presents an overview of the daily life of an ordinary Russian citizen. Shows a market place in Moscow, mosques in Samarkand, and sawmill operations at Lake Baykal. Shows workers in the fields and contrasts areas and customs in Moscow with those in outlying districts. Russian language narration of intermediate difficulty. (IFB) sh, c
RUSSIAN LANGUAGE

From Renoir to Picasso.
32 min, B&W, 1951 . . . . $6.50
This notable film on art, also acclaimed as a work of film art, is a study and comparison of the characteristics of Renoir, the sensualist; Seurat, the intellectual; and Picasso, the instinctive artist; the three main inspirational sources for modern French art. Provides a stimulating introduction to the entire subject of modern art. Employs diagrams, split screens and animation in the exposition. Narrated in English. (Paul Haesaerts, France) c, a
ARTISTS; PAINTING AND PAINTINGS

From Sociable Six to Noisy Nine.
21 min, B&W, 1954 . . . . $5.00
This film explores the behavior patterns of children ranging in age from six to nine years through intimate glimpses into the family life of the Ardens. Six year old Betty, and her brothers Sandy and Pete, eight and nine, all normal and healthy youngsters, are shown in a series of episodes, dealing with tattling, petty stealing, family conferences, cooperation with the school sex education program, children's gangs, and other situations familiar to parents. The constructive and systematic handling of the crises in the day to day activities of their children illustrates how parents can cope with such problems in the building of a happy home. (McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PARENT AND CHILD

From Ten to Twelve.
26 min, B&W, 1959 . . . . $6.50
Ten-to-twelve-year-olds are no longer little boys and girls, but instead, young individuals who are independent, sometimes responsible, often discerning, always testing, striving, living with deep currents of feeling often hidden from view. In the Jones family the problems of discipline, guidance and understanding that confront most parents, and the conflicting behavior of pre-teens are observed as part of growth and development. (McGraw-Hill) c
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PARENT AND CHILD

From Trees to Lumber.
15 min, B&W, 1953 . . . . $3.50
This film was produced as a public service by the forest industries and woodland owners of the United States. The picture shows how modern wood-using industries grow and harvest trees as a crop, and process them into lumber, plywood and other products for man's use. (American Forest Products Industries, Inc.) jh, sh, c
FORESTS AND FORESTRY; U.S.–INDUSTRIES

From Trees to Paper.
12 min, B&W, 1951 . . . . $3.50
This film shows by actual photography and simple diagrams how paper is made from trees. It also tells how scientific forest management assures growth of repeated tree crops. (American Forest Products Industries, Inc.) el, jh, sh, c
FORESTS AND FORESTRY; U.S.–INDUSTRIES

Frustrating Fours and the Fascinating Fives.
22 min, B&W, 1953 . . . . $5.00
This film points with humor and understanding to the kind of behavior that may be expected, and indicates methods best calculated to assist children of this age group in normal growth. (NFBC; McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PARENT AND CHILD

Full Circle.
29 min, B&W, 1955 . . . . $6.50
Discusses the importance of the job situation to the well-being of the discharged mental patient. (AFFILIATED FILM PRODUCERS; IFB) a
MENTAL HEALTH; PSYCHOLOGY

Fun on the Playground.
10 min, B&W, 1947 . . . . $3.50
Teaches the real benefits of fairness, consideration and cooperation, through activities children understand and enjoy. (EBF) el
GAMES; SOCIAL ADJUSTMENT

Fun with Speech Sounds.
10 min, B&W, 1954 . . . . $3.50
To help children improve their speech habits, this film shows how some difficult sounds should be spoken. Through audience participation, children are encouraged to pronounce sounds which are used in interesting poems and rhymes. The vowels and some consonants such as p, m, l, th and ch are covered. (Coronet) el
SPEECH

Fun with Words: From Sentences to Paragraphs.
11 min, Color, 1970 . . . . $7.00
An imaginary trip around the world illustrates how sentences can be arranged to make better paragraphs. (Coronet) el
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES; LANGUAGE ARTS

Fun with Words: From Words to Sentences.
11 min, Color, 1970 . . . . $7.00
Cartoon stories demonstrate naming and doing words, modifiers and combining short sentences into longer ones. (Coronet) el
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES; LANGUAGE ARTS

Fundamental Skills in a Unit of Work.
21 min, B&W, 1955 . . . . $5.00
Shows how a skillful teacher can arouse the interest of her class and guide them in carrying out a unit of work. A sixth grade class becomes interested in modern means of preserving records of all types. The teacher tells how this unit of work involves learning experiences such as dramatics, rhythms, music, science, arithmetic, written and oral communications, and the use of audiovisual media. (Ruth Bradley, BFA) c, a
EDUCATION–STUDY AND TEACHING

Fundamentals of the Nervous System.
16 min, B&W, 1960 . . . . $4.00
With live photography, microphotography, animated drawings, and medical demonstrations, this film illustrates the functions of the nervous system; shows its divisions and defines their specific tasks. Laboratory experiments and special film techniques are employed to clarify concepts. (EBF) jh, sh, c
NERVOUS SYSTEM

Fundamentals of Tennis.
11 min, B&W, 1958 . . . . $3.50
Features Louise Brough, former American and Wimbledon tennis champion. Shows Miss Brough demonstrating all the basic tennis grips and strokes. (Arizona Univ.) sh, c, a
TENNIS; SPORTS

Fundamentals of Track and Field for Girls: Field Events.

22 min, Color, 1969 . . . . $10.00

Covers the field events–first the jumps (long jump, standing broad jump and high jump); then the throws (softball and basketball throws, the discus, shot-put, and javelin). Each event is presented in overall performance, with general principles emphasized–then it is broken down and analyzed, with technique and form highlighted at key points. (AIMS) jh, sh

PHYSICAL EDUCATION

Fundamentals of Track and Field for Girls: Track Events.

14 min, Color, 1969 . . . . $8.00

Covers track events–sprints, middle distance and distance runs, hurdles, and relays Each event is presented in overall performance, with general principles emphasized–then it is broken down and analyzed, with technique and form highlighted at key points. (AIMS) jh, sh

PHYSICAL EDUCATION

Fungi.

16 min, B&W, 1962 . . . . $4.00

16 min, Color, 1962 . . . . $8.00

Demonstrates that fungi are simple plants which are dependent upon the other organisms for food. Illustrates how fungi grow and how they get their food. Explains the importance of fungi as a source of food, as agents in food processing, and as a cause of disease in plants and animals. (EBF) sh, c

BOTANY–PHYSIOLOGY; FUNGI

Future for Every Child.

8 min, Color, 1974 . . . . $3.50

Animated film (without narration) that contrasts two possible futures for mankind–an overcrowded, polluted world and a technologically engineered, peaceful one. (UNICEF; Association-Sterling) c, a

FUTURE STUDIES; POLLUTION; POPULATION; SOCIAL PROBLEMS

G

Galapagos: Darwin's World Within Itself.

20 min, Color, 1971 . . . . $10.00

Discloses the diverse and unique biology of the volcanically formed Galapagos Islands which were discovered by Charles Darwin and provided the basis for his theory of evolution. (EBEC) jh, sh

BIOLOGY; EVOLUTION

Game.

28 min, B&W, 1967 . . . . $6.50

A young high school student is taunted by his friends to live up to his claimed ability as a seducer. He therefore begins to play the game...he tries to win over a young girl in his class and eventually succeeds, after which he drops her because of his guilt feelings over his dishonesty with and his exploitation of the girl he has come to like very much. The film introduces the problems of the relationships between young members of the two sexes. It provides the stimulus for reflection, discussion and study. (NFBC; McGraw-Hill) sh, c

ADOLESCENCE; DATING (SOCIAL CUSTOMS); PSYCHOLOGY

Games People Play: The Practice.

30 min, B&W, 1967 . . . . $6.50

A continuation of the interviews with psychiatrist and best-selling author Dr. Eric Berne during which Dr. Berne explains his use of the terms "game," "script," "ego state," and others. He also explains why he chose the term "transactional" rather than "interaction" to describe his method of analysis. During a group session in his home he talks about a patient with a psychological problem and relates the problem to a fairy tale which he says can be used to explain the "script" which the patient is unconsciously following. (NET; Indiana) c, a

PSYCHOLOGY

Games People Play: The Theory.

30 min, B&W, 1967 . . . . $6.50

A series of interviews with Dr. Eric Berne, psychiatrist and best-selling author, filmed at his clinic in Carmel, California, during which Dr. Berne explains the assumptions upon which his theory of transactional analysis is based. Berne describes the relationship of his method of transactional analysis to the more traditional methods of psychoanalysis. He describes games such as "RAPO" and "PTA" and explains their functions in his theory. (NET; Indiana) c, a

PSYCHOLOGY

Ganges River.

16 min, Color, 1955 . . . . $8.00

This film traces the route and history of this famous river from its source, and relates the Ganges to many aspects of life in India today. At the same time it helps bring the world's second most populated country into clearer focus. (McGraw-Hill) jh, sh, c, a

INDIA; RIVERS

Garbage Explosion.

16 min, B&W, 1964 . . . . $4.00

16 min, Color, 1964 . . . . $8.00

Investigates the nature, volume, and composition of solid wastes. Presents the advantages and disadvantages of current disposal methods and possible long range solutions. (EBEC) jh, sh

ECOLOGY

Gas Pressure and Molecular Collisions.

21 min, B&W, 1964 . . . . $5.00

The film explores the relationship between gaseous pressure and molecular collisions. The effects of varying the number of molecules per unit of volume and of varying the temperature are studied. The experimental study of the relative rates of effusion of hydrogen, oxygen, carbon dioxide and sulfur hexafluoride leads to the quantitative relationship between molecular weight, molecular velocity and absolute temperature. Mechanical models illustrate the experimental observations. (Chem Study Films) sh, c

CHEMISTRY

Gases and How They Combine.

22 min, Color, 1963 . . . . $10.00

This film provides experimental evidence for Avogadro's Hypothesis. First, some properties that distinguish gases are shown. Then, the volumes of ammonia and hydrogen chloride that combine are measured quantitatively. The volume ratio is found to be 1.0. In a similar way, simple integer volume ratios are measured for the combination of hydrogen and oxygen, of nitric oxide and oxygen, and of hydrogen and chlorine. These simple integer ratios lead, logically, to Avogadro's Hypothesis. (Chem Study Films) sh, c

CHEMISTRY, INORGANIC

Gasoline Age (History of Transportation in the United States).

16 min, B&W, 1959 . . . . $4.00

This film describes the rapid changes that have taken place in the transportation of the United States since the coming of the automobile. Describes also the growth and decline of railroads, the tremendous expansion of the highway system, and the growing use of air transportation. (EBF) el, jh, sh

TRANSPORTATION

Gateway to Health.

18 min, B&W, 1955 . . . . $3.50

This is a film about the relationship of diet to good teeth. The film story emphasizes that fruits, especially apples, in addition to other merits, when eaten after meals to cleanse the teeth, will help prevent their decay. Attractive children and adults are shown in the film, and examples of good and poor teeth as well as sequences using animals, demonstrations, and time lapse photography, aid in putting over the film's message. (National Apple Institute) el, jh, sh, c, a

HYGIENE; NUTRITION

Gene Action.

16 min, Color, 1963 . . . . $8.00

This is a film about the biochemical mechanisms of inheritance, a field in which some of the most exciting discoveries in science are now being made. Through simple animation, the film shows how the DNA of chromosomes can replicate itself during mitosis and how it can serve as a pattern for "messenger" RNA. Also how the arrangements of nucleotides in the DNA molecule can form a genetic code for amino acids. The role of RNA as intermediary at protein formation sites in the cytoplasm is shown. Live action sequences show how work with neurospora and other simple organisms is useful in the study of genetic mechanisms. The film concludes with an example of how new knowledge of the biochemical mechanisms of inheritance is helping in the treatment of genetic disorders among human beings. (EBF) sh, c

ADAPTATION (BIOLOGY); HEREDITY

Genesis.

6 min, Color, 1966 . . . . $6.00

Through animated puppetry, this Czech film demonstrates the theory that the genesis of man is not a mystery but a mechanical phenomenon. Highly provocative as well as original and entertaining. (Award winner) (SPUP; CCM) sh, c, a

ALLEGORY; RELIGION

Genetics: Mendel's Laws.
14 min, Color, 1962 . . . . $8.00
Scenes photographed in Gregor Mendel's own garden in Brno, Czechoslovakia, add authenticity to this presentation of the original work with pea plants, which has become the basis of the present science of genetics. The film duplicates some of Mendel's experiments, and clearly explains his laws of Dominance, Segregation, and Independent Assortment. Later work by De Vries, Correns Morgan and Muller is also described. (Coronet) jh, sh, c
GENETICS; BIOCHEMICAL

Geography of New England.
10 min, Color, 1951 . . . . $7.00
This film attempts to show that the region of New England is more than a physical area; it is a network of relationships between people and places, activities and resources. The film also shows the effects of glaciation on the whole area, the development of specialized industries, the distribution of population, and an accurate picture of the economy and culture of the area. (Coronet) el, jh, sh
GEOGRAPHY; U.S.–REGIONS

Geological Work of Ice.
11 min, B&W, 1960 . . . . $3.50
Considers gradational work of ice in fracturing of rock in freezing weather. By means of animation, gives the story of glaciers showing advances and retreats of vast continental glaciers of our continent in past geological ages. (EBF) jh, sh, c
GEOLOGY

Geometric Vectors – Addition.
17 min, Color, 1971 . . . . $8.00
Using the study of motion as motivation, the film introduces the notion of vectors and defines it as an equivalence class of arrows. The addition of vectors is defined and the properties of addition are derived. The film concludes with the idea that the set of geometric vectors forms a commutative group with respect to addition. (NSF; IFB) sh, c
GEOMETRY; MATHEMATICS

Geometry: Inductive and Deductive Reasoning.
16 min, B&W, 1963 . . . . $4.00
This film defines and illustrates the processes of inductive and deductive reasoning as they are used in the study of geometry. Also included is a brief review, beginning with the ancient Greeks, of the history of formal reasoning in science and mathematics and something of its application in these fields today. (Coronet) sh
GEOMETRY

Geometry: Lines and Shapes.
10 min, Color, 1966 . . . . $7.00
Beginning with the pupil's recognition of lines in the world around him, this film introduces the idea of a line. A line is a set of points that goes on and on in both directions. It is straight; it has no ends. A part of a line is called a "line segment." The ends of a line segment are called "end points." Shapes like rectangles, squares, and triangles are formed of line segments. (William Boundey, BFA)
GEOMETRY

George Washington.
17 min, B&W, 1951 . . . . $4.00
Describes the qualities which made him the builder of the American nation. Points up his unusual administrative ability. Portrays him as a military leader and as first President of the United States. (EBF) el, jh, sc, c, a
STATESMEN; U.S.–HISTORY: 1783-1900

George Washington's Greatest Victory.
16 min, Color, 1966 . . . . $8.00
Major events in Washington's life from the days of his boyhood through the Revolutionary War are vividly shown in rare prints and engravings, with emphasis on Washington's greatest victory in keeping up morale during the final days at the New Windsor Cantonment, while his army awaited the signing of the peace treaty. (Americana Foundation, Inc.; Coronet) el, jh, sh, c
STATESMEN; U.S.–HISTORY: 1783-1900

Georgie.
6 min, Color, 1956 . . . . $6.00
Tells the story of Georgie, a friendly ghost,who is forced to leave home and haunt a barn. (Weston Woods) el
CHILDREN'S FILMS

Germany: Feudal States to Unification.
14 min, B&W, 1959 . . . . $4.00
After centuries of turbulent history, the loosely associated German states became a unified nation and a major power in Western Europe. The film traces Prussia's growth in strength in the 19th century, shows how other German states were brought under its control and how, following Bismarck's policy of "blood and iron," she waged wars with Denmark, Austria and France to establish a strong unified German nation. (Coronet) jh, sh
EUROPE–HISTORY: 1492-1789; EUROPE–HISTORY: 1789-1900; GERMANY

Germany: People of the Industrial West.
16 min, B&W, 1957 . . . . $4.00
The film describes the life of the people in western Germany, one of the world's great industrial areas. It tells something of the history and cultural past of the Germans and gives an overview of life today in the major regions of Germany–the Rhineland, uplands of the south, and the northern plains. (EBF) el, jh, sh
EUROPE–HISTORY: 20th CENTURY; GERMANY

Germany: Regional Geography.
27 min, Color, 1966 . . . . $13.00
Shows the contrasting geographical regions of West Germany, including the Rhineland, the Black Forest, the Ruhr, south and central sections, the northern coastline, agricultural areas, and Berlin. (Educational Foundation for Visual Aids; IFB) jh, sh
GEOGRAPHY; GERMANY

Germany Today.
17 min, Color, 1966 . . . . $8.00
A look at Germany's political history from Charlemagne to its present system. Explains the 18th century independent states, 19th century Wars of Unification, the great war and Nazism. (Educational Foundation for Visual Aids; IFB) sh, c, a
GERMANY; HISTORY

Germs and What They Do.
11 min, Color, 1966 . . . . $7.00
A simple introduction to bacteria, protozoa and viruses that cause disease. (Coronet) el
DISEASES; HEALTH

Geronimo Jones.
21 min, Color, 1970 . . . . $10.00
This film is a dramatic study of a modern Indian youngster's emotional conflicts within our society. Geronimo, a young Indian boy, is caught between two worlds, the old and the new. (Multi Award Winner) (LCA) el, jh, sh, c, a
INDIANS OF NORTH AMERICA; SOCIAL PROBLEMS

Getting the Facts.
12 min, B&W, 1954 . . . . $3.50
Demonstrates that people have to be well-informed in order to be able to make intelligent decisions. Discusses the agencies which exist in the average American community for the purpose of providing citizens with the facts they need. Explores the role of newspapers, radio, television, libraries, and other channels of information. (EBF) jh, sh
EDUCATION, ADULT; SPEECH

Geyser Valley.
9 min, Color, 1972 . . . . $6.00
Yellowstone's awe-inspiring geysers and other thermal phenomena are vividly shown and heard in this non-narrated film. (EBEC) jh, sh
NATURAL HISTORY

Ghana.
14 min, Color, 1967 . . . . $8.00
Explores the problems created by Nkrumah's one-man rule and the measures being taken by the present military leadership to alter Ghana's political and economic situation. (ABC; McGraw-Hill) sh, c, a
GHANA

Giant Forest.
14 min, Color, 1966 . . . . $8.00
It is through the eyes of Hale Tharp, the first white man to discover the Giant Sequoia trees in 1858, that the viewer is acquainted with the beauty and the history of the Giant Sequoia trees in the Yosemite-Sequoia region of California. Tharp spent his summers living among these trees in order to study them. His investigations led to the discovery of the age of these trees. Today, these trees are preserved in a National Park for all to share and enjoy. (Point Lobos Productions) el, jh, sh, c, a
FORESTS AND FORESTRY

Giants.
11 min, Color, 1969 . . . . $7.00
A satirical cartoon film exploring man's aggressive instincts, this compelling parable is an effective protest against all forms of violence, intolerance and despotism. (Weston Woods) el, jh, sh
ALLEGORY; SOCIAL ETHICS

Gifted Ones.
22 min, B&W, 1959 . . . . $5.00
Shows the various types of academic programs being developed to provide a challenging educational program for Canadian children. (NFBC; IFB) a
EDUCATION-METHODS

Giraffe.
10 min, Color, 1972 . . . . $7.00
The giraffe, the tallest mammal, is shown at home in Tanzania. (EBEC) el, jh
ANIMALS–HABITS AND BEHAVIOR

Girl to Woman.
16 min, Color, 1966 . . . . $8.00
Deals with human growth and development during the turbulent change from girlhood to womanhood. Describes the male reproductive system as well as that of the female. A scientific and authoritative treatment of a sensitive subject, produced under medical and psychiatric supervision. Uses extensive animation. (Churchill Films) jh, sh, c, a
ADOLESCENCE; PERSONAL AND SOCIAL ADJUSTMENT; PHYSIOLOGY

Glacier on the Move.
11 min, Color, 1972 . . . . $7.00
Using a time-lapse camera and still photographs, the film shows the rhythm of glacial movement in summer and in winter. The narration describes the effects of gravity, pressure, and temperature on the large masses of ice. (EBEC) jh, sh, c
GEOLOGY, NATURAL HISTORY

Glass.
11 min, Color, 1966 . . . . $7.00
An effective jazz score and brilliant visuals interpret the rhythmic beauty of glass making, balancing scenes of ancient methods of blowing and modern mechanical processes. An academy Award-winning film that lends itself to many types of creative writing–equally effective for discussions on the use of resources in geography class. (Go Pictures, Inc.; EBEC) jh, sh
MANUFACTURING PROCESSES; MOTION PICTURES, EXPERIMENTAL

Glasses for Susan: A New Day.
13 min, Color, 1972 . . . . $7.00
The film impresses students with the importance of good vision and of wearing glasses if they are needed. It will also instill students who require glasses with a positive attitude. (EBEC) el, jh
HEALTH

Glimpses of Living Embryos.
30 min, B&W, 1949 . . . . $6.50
Following introductory scenes dealing with the technique of preparing and photographing living embryos, the film shows a series of living chick embryos at various ages to illustrate the growth process involved in the development of the embryonic body. Special "close-ups" made at higher magnification, are interspersed to show in more detail such processes as the early heart beats, the movement of blood corpuscles within the smallest vessels, and the rocking of the embryo by amniotic contractions. The later stages of body formation and the scene on hatching are based on wren embryos. (University of Michigan) c
BIOLOGY–LABORATORY TECHNIQUES; EMBRYOLOGY

Global Concepts in Maps.
10 min, B&W, 1948 . . . . $3.50
Dan's map-making investigation advances a clear understanding of globe representations–projections; and distortions–concepts so important in this age of flight and rapid world transportation. A simple demonstration of great circle routes on a polar projection introduces cylindrical, conic, and perspective projections with a summary of the practical uses of each. (Coronet) jh, sh
MAPS AND GLOBES

Globe and Our Round Earth.
11 min, Color, 1967 . . . . $7.00
Shows relationships between countries, continents, distances by air and water, why time varies around the world. (Coronet) el
SCIENCE, GENERAL

Globes: Their Function in the Classroom.
14 min, Color, 1961 . . . . $8.00
Designed to motivate teachers to make better use of globes in the classroom, this film shows many types of globes, illustrating their specific uses in situations ranging from primary grades through high school. The film stresses the importance of following a graded globe program, and of correlating globes with appropriate flat maps. Starting with eight-inch readiness globes in the primary grades, students progress to globes which gradually present more detailed information. Relief globes, celestial globes, and motorized globes with rotating planets and satellites can be used effectively in higher grades. Globe mountings, scales, and legends are also depicted. (Bailey, BFA) c
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–STUDY AND TEACHING; MAPS AND GLOBES

Goggles.
6 min, Color, 1974 . . . . $6.00
Peter finds a pair of motorcycle goggles without lenses. He and Archie set off with their treasure when they run into some big boys who demand the goggles. Suspense mounts as Peter and Archie, with the help of Peter's loyal dachsund Willie, attempt to outwit the bullies. Boldly illustrated, this story brings to vivid life the world of a small child in the big city – a world filled with narrow escapes, fierce loyalties and spinetingling adventures. (Weston Woods) el, jh
BLACK AMERICANS; CHILDREN'S FILMS; STORIES

Going Places.
8 min, Color, 1966 . . . . $6.00
Designed to impress upon boys and girls the importance of their school studies toward the potential of better jobs that are just around the corner for them. Begins with a fantasy which shows young boys and girls awaking one morning to discover that they are in charge of everything. Many examples are shown to suggest vocations which may appeal to a wide variety of interests. The fun of learning plus the excitement of getting involved in stretching one's mind to encompass new ideas and facts is most effectively stressed in this film. (Charles Cahill & Associates) el, jh
GUIDANCE, VOCATIONAL

Golden Age of Comedy.
86 min, B&W, 1958 . . . . $10.00
Amusing history of Hollywood comedy from early 1900's to present. Features such greats as Jean Harlow, Carole Lombard, Will Rogers, and Laurel and Hardy. (Youngson Prod; Carousel) el, jh, sh, c, a
MOTION PICTURES

Goldilocks and the Three Bears.
10 min, Color, 1953 . . . . $7.00
Starring three real bears, this much-loved children's story is retold in a presentation which remains faithful to the incidents and characteristics in a presentation of the original tale. In addition, suggestions for drawing pictures of scenes from the story and exploring other favorite stories provide children with an incentive for further reading and artwork activities. (Coronet) el
STORIES

Grand Canyon Suite.
15 min, Color, 1968 . . . . $8.00
Trains students in music listening, based on excerpts from the Grand Canyon Suite by Ferde Grofe. Combines animation, photography the playing of certain instruments and scenes of the composer at work. (AIMS) jh, sh, c, a
MUSIC

Graphing Linear Equations.
11 min, B&W, 1961 . . . . $3.50
This film shows, in step-by-step detail, how line graphs are constructed and how these graphs represent the relationships between variables. The film also shows how the values of constant terms and varying coefficients affect graphs. (Coronet) jh, sh
MATHEMATICS; GRAPHS

Graphs: Understanding and Using Them.
11 min, B&W, 1967 . . . . $3.50
As Joan graphs the number of bottles of pop she sold at each of the local baseball games, we learn that a graph is a visual representation of a set of ordered pairs. We see that graphs may be of various types such as the pictograph, the horizontal and vertical bar graph, the divided-bar graph, the circle graph, and the line graph. (Coronet) el, jh
GRAPHS; MATHEMATICS

Grassland Ecology: Habitats and Change.
13 min, Color, 1970 . . . . $7.00
This film takes an historical approach to the ecology of the American prairies. Unique wildlife photography shows how bison, prairie dogs, and other organisms affected the environments and habitats in our nation's grasslands. (Centron) el, jh
ECOLOGY

Grasslands.
17 min, Color, 1963 . . . . $8.00
Illustrates the ecological interrelationships of the grasslands biome. Shows the locations of the world's grasslands, explains how they may have originated, and describes their importance as foodproducing areas. Demonstrates the dependence of animal life on the dominant plants, the perennial grasses, and gives examples of typical food chains. (EBF) sh, c
ECOLOGY; FOOD SUPPLY

Gravity: How it Affects Us.
14 min, B&W, 1961 . . . . $4.00
Vividly illustrates gravity's importance by showing some of the things that gravity does; its action upon our daily activities, its effects on our earth in the universe, and how it would affect a human being on an imaginary trip through outer space. Several film sequences are devoted to the gravitational studies and experiments of Galileo Galilei and Sir Isaac Newton. Animated sequences are used throughout the film to explain the nature and effects of gravity. (EBF) el, jh
ASTRONOMY

Gray Squirrel.
11 min, B&W, 1961 . . . . $3.50
Depicts the life of a squirrel family in an oak tree. Mother squirrel is revealed nursing her one-week old babies in their nest. Later, one of the squirrels wins a thrilling race against a red fox. (EBF) el, jh
ANIMALS–HABITS AND BEHAVIOR; ANIMALS–STORIES

Great American Novel: Babbitt.
26 min, Color, 1968 . . . . $13.00
Many facets of Babbitt are discussed in this film. His feeling and his problems are revealed and his classic speech to the Zenith Real Estate Board is re-created by actor Pat Hingle. (BFA) sh, c, a
AMERICAN LITERATURE

Great Barrier Reef.
54 min, Color, 1970 . . . . $19.00
A unique ecosystem off the coast of Australia is in danger. The Crown of Thorns, a variety of starfish which eats live coral, is multiplying and threatening to destroy the Great Barrier Reef which is a living shelter for many unusual sea creatures. Man must struggle with the dilemma of whether to risk introducing new elements into the Reef, or to leave it alone and wait. (NBC) jh, sh, c, a
BIOLOGY–ECOLOGY; MARINE BIOLOGY

Great Britain.
15 min, Color, 1967 . . . . $8.00
Surveys Great Britain with special emphasis on the diversity of its industry. Gives a historical background of the birth of modern iron and steel industries. Explains the role of railway transportation and growth of automobile usage. Highlights the various geographic areas of the country. (Gateway Film Productions; IFB) jh, sh
ENGLAND

Great Expectations.
35 min, B&W, 1934 . . . . $6.50
A classroom version of Universal's feature picture based on Dicken's novel. (TFC) jh, sh, c
ENGLISH LITERATURE

Great Lakes Area: Men, Minerals and Machines.
15 min, Color, 1965 . . . . $8.00
First, the film shows Ted Swenson, an electric shovel operator, as iron ore is mined in the hills of northern Minnesota. Then the high-grade ore and the taconite are shipped to the docks in Duluth, Minnesota, and loaded into ore boats. Next we meet John Fraser as he guides his ship which is carrying a cargo 18,000 tons of taconite pellets to a steel mill in Hammond, Indiana...The film then shows the making of steel, from the blast furnaces, where iron ore is melted with other materials, to the shaping of the molten liquid into heavy ingots. These are sent to primary rolling mills where we are introduced to Henry Majeski–operator of a machine which reshapes ingots into slabs. The last part of the film follows Bill Harvey, an assembly line worker in an automobile plant in Detroit, as he and thousands of other highly-skilled workers shape the steel into the finished product–an automobile containing some 14,000 parts. (McGraw-Hill) el, jh, sh
U.S.–INDUSTRIES; U.S.–REGIONS

Great Lakes: Highway of Commerce.
23 min, Color, 1951 . . . . $10.00
Depicts the importance of the Great Lakes in the early settlement of America and in the industrial development of regions adjacent to them. (EBEC) jh, sh
TRANSPORTATION; U.S.–HISTORY

Great Lakes: How They Were Formed.
10 min, Color, 1951 . . . . $7.00
Uses animated drawings and live action photography to depict the work of glaciers in forming the Great Lakes thousands of years ago. Clearly defines the present-day drainage of the Lakes and the physical characteristics of Niagara Falls. Photography of the Lakes and of the region around the Falls illustrates topographical changes which are occurring at the present time. (EBF) jh, sh
GEOLOGY; U.S.–GENERAL

Great Lakes: North America's Inland Seas.
17 min, Color, 1971 . . . . $8.00
Demonstrates the importance of the Great Lakes to the development and economy of mid-America. (EBEC) jh, sh
TRANSPORTATION; U.S.–HISTORY

Great Mojave Desert.
55 min, Color, 1971 . . . . $19.00
A historical overview of the people and other living things that have inhabited the Mojave Desert. (National Geographic Society; FI) el, jh, sh, c, a
GEOGRAPHY; U.S.–REGIONS; ANTHROPOGEOGRAPHY–NORTH AMERICA

Great Plains: Land of Risk
14 min, Color, 1966 . . . . $8.00
Follows the movements of the ranchers and farmers who settled the plains in the 1860's and faced constant threats from drought, dust and wind. New agricultural methods and machines that challenged the "dust bowl" created a "storehouse that helps feed the world." (EBEC) jh
FRONTIER AND PIONEER LIFE; U.S.–HISTORY: 1783-1909

Great Store War.
25 min, Color, 1971 . . . . $10.00
Shoplifting is a spectre haunting American business today. Merchants in large urban areas estimate the pilfering of 85 to 150 million dollars worth of merchandise each year. Retailers are trying to counter the invasion of shoplifters by bolstering security staffs, using complex electronic equipment and taking a hard line on arrests and prosecutions. (NBC) jh, sh, c, a
CRIME AND CRIMINALS; SOCIAL PROBLEMS

Great Waltz.
20 min, B&W, 1950 . . . . $5.00
This classroom version of the feature photoplay presents outstanding melodies of Johann Strauss, the younger. Some liberty has been taken with the chronological order of the compositions in order to present such melodies as "Artist's Life," "The Beautiful Blue Danube," "Tales from the Vienna Woods," and excerpts from the operetta, DIE FLEDERMAUS. Opening with the debut of the Waltz King, the picture vividly portrays the startling success of his first appearance. The ensuing episode is devoted to "The Beautiful Blue Danube." Strauss is shown beside the picturesque river, jotting down the opening notes of his "great waltz." As the melody begins, beautiful photography provides a visual accompaniment to the orchestration. Exemplifying the composer's versatility, the next sequence presents scenes from the operetta, DIE FLEDERMAUS. Miliza Korjus, the eminent soprano, is the star in this presentation. Probably the most charming feature of the film is the episode in which Strauss composes "Tales from the Vienna Woods." He is shown riding through the woods in a carriage with the star of his operetta, when bird calls, shepherd's pipes, a coachman's horn and rhythm of his horse's hoofs are suggested as the inspiration for one of his best loved compositions. This film was prepared in collaboration with Music Educators National Conference. (TFC) jh, sh, c
MUSIC; MUSICIANS

Great War–Fifty Years After.
25 min, Color, 1968 . . . . $10.00
The Great War of 1914 remains unique in gallantry, romanticism, and a sense of mission. Historic battle revisited in rare film clips of the war are imaginatively woven into this film. (NBC) jh, sh, c, a
EUROPEAN WAR: 1914-1918

Greece: The Immortal Land.
40 min, Color, 1962 . . . . $16.00
Shows the geography, topography, climate and people of rural and urban Greece. (Basil and Gladys Wright; IFB) sh, c, a
GREECE

Grizzly.
52 min, Color, 1967 . . . . $19.00
Uses electronic equipment as a modern aid in ecology to present a documentary study of the habits and habitat of the North American grizzly bear. (NGS) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR

Grooving.
31 min, Color, 1970 . . . . $13.00
Shot with no professional actors, this film shows the spontaneous interactions of a group of 14-18 year olds over several days as they discuss drug use. Judith Crist says of the film in New York Magazine "...a beautiful and swiftly paced film...- offers invaluable insights and hard facts about youth.. " (Benchmark Films) jh, sh, c, a
DRUG EDUCATION

Ground Water-Hidden Reservoir.
19 min, Color, 1971 . . . . $10.00
The fascinating story of what happens to water in the ground. Begins with rainwater that seeps into the ground where it occupies pores and other openings in soil or rock. The film shows ground water in its different forms–aquifier, water table, springs, artesian conditions, geyser. Networks of irregular underground tunnels, caves and caverns, miles in length and hundreds of feet high represent thousands of years of groundwater movement. The viewer gets a closeup look at agricultural spraying, garbage dumps, feed lots and housing septic systems. (Wiley) jh, sh, c
SCIENCE, GENERAL; WATER & WATER SUPPLY

Grouping Things In Science.
11 min, Color, 1969 . . . . $7.00
Explains scientific grouping, using as examples the intelligence of animals, identification of blood types, characteristics of plastics, and types of galaxies. (Coronet) el, jh
SCIENTIFIC METHOD

Growing, Growing.
11 min, Color, 1970 . . . . $7.00
A joyous film of curious eyes, probing fingers, growing green things. Classroom experiences with plants – writing, reading, observing, experimenting, painting, singing, even math. (Churchill) el
CHILDREN'S FILMS

Growth of Flowers.
11 min, Color, 1959 . . . . $3.50
Time-lapse photography points out in a few minutes a process which takes weeks to accomplish in nature. It shows the miracle of growth–action imperceptible to the human eye. Accelerated growth of the jonquil, jack-in-the-pulpit, phlox, lily, rose, zinnia, gladiola and water lily. Depicts sprouting, struggling for sunlight and life, and finally the bursting into bloom of the flowers. (Coronet) el, jh, sh
FLOWERS

Growth of Plants.
20 min, B&W, 1962 . . . . $5.00
20 min, Color, 1962 . . . . $10.00
Time-lapse photography, photomicrography and animation are employed to clarify the details of root and stem structure and show the growth of the roots, stems, and leaves of a wide variety of plants. Also shown is an experimental sequence with the growing sheaths of oat and corn seedlings to explain how plant hormones affect plant growth. (EBF) sh, c
BOTANY

Guidance–Big Sister.
11 min, Color, 1971 . . . . $7.00
Shows students that having a new baby brother or sister in the family places added responsibility on their shoulders. (AIMS) el, jh, sh
GUIDANCE, PERSONAL

Guiding the Growth of Children.
18 min, B&W, 1956 . . . . $5.00
Through personal experiences, a fifth grade teacher shows that guiding the growth of the student, as an individual, is the most important part of the teacher's job. The audience sees how this teacher guides several "problem children," placing understanding of individual needs as the most important step in aiding the student. (McGraw-Hill) c
EDUCATION–STUDY AND TEACHING; GUIDANCE, EDUCATIONAL

Gulliver's Travels.
7 min, Color, 1971 . . . . $6.00
Animated version of this famous story, narrated by Vincent Price, featuring Gulliver's adventures in the land of Liliput. (AIMS) el, jh
CHILDREN'S FILMS

Gumbasia.
5 min, Color, 1971 . . . . $6.00
Clay moves and transforms itself into a fascinating series of shapes, patterns and geometric forms. (Pyramid Films) el, jh, sh, c, a
MOTION PICTURES–EXPERIMENTAL

Gurkha Country.
19 min, Color, 1968 . . . . $10.00
Shows cultural anthropologists working in the Bhuji River valley of Nepal. Examines a five-month expedition, describing village activities and other varied aspects of the valley's culture. (John Hitchcock; IFB) sh, c, a
ANTHROPOLOGY

GUTEN TAG FILM SERIES
This series of 26 films is designed to teach simple conversational German. Only German is spoken, but important expressions and sentences are introduced and translated before each story begins. In the final section of each film, scenes from the story are repeated as the student is asked to say the sentences himself.
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Chicago, Illinois 60604

Guten Tag #1 Sprechen Sie Deutsch?
15 min, B&W, 1970 . . . . $4.00
On their arrival at the Frankfurt airport, the five main characters are given an unusual reception. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #2 Ein Bild Von Rothenburg!
15 min, B&W, 1970 . . . . $4.00
While visiting Rothenburg, Tim and Pierre have to manage with their slender knowledge of German. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #3 Ich Suche Ein Zimmer.
15 min, B&W, 1970 . . . . $4.00
Aki, the industrial trainee, gets a few surprises while looking for a room in a big city. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #4 Sind Sie Herr Berger?
15 min, B&W, 1970 . . . . $4.00
Ricardo, the export merchant, has an appointment with his German Colleague. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #5 Zu Spat! Zu Spat!
15 min, B&W, 1970 . . . . $4.00
Philippe, a music student, brings his parrot to the clinic where Suma is receiving her practical training. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #6 Ist Das Der Zug Nach Hamburg?
15 min, B&W, 1970 . . . . $4.00
Tim and Pierre miss their train to Hamburg because they have confused two German words. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #7 Ich Mochte Zum Olympia-Stadion.
15 min, B&W, 1970 . . . . $4.00
On the way to a football game, Ricardo loses his way in the streets of Berlin. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #8 Jetzt Ist Unterricht?
15 min, B&W, 1970 . . . . $4.00
Aki finds out how interesting German classes and life at a Goethe Institute in southern Bavaria can be. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #9 Wo Ist Meine Brieftasche?
15 min, B&W, 1970 . . . . $4.00
In a hotel, Tim and Pierre make the acquaintance of a magician. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #10 Was Ist Los?
15 min, B&W, 1970 . . . . $4.00
Suma and her German friends on a trip through the Black Forest. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #11 Ich Repariere Meinen Wecker Selbst!
15 min, B&W, 1970 . . . . $4.00
Aki's alarm clock causes some confusion in his workshop. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #12 Darf Ich Ihnen Helfen?
15 min, B&W, 1970 . . . . $4.00
On a train journey through southern Bavaria, Tim and Pierre's readiness to help is put to a hard test. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #13 Ein Wochenende Ohne Geld?
15 min, B&W, 1970 . . . . $4.00
Suma finds out that baby-sitting is no easy task. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #14 Rauchen Ist Ungesund!
15 min, B&W, 1970 . . . . $4.00
Aki undergoes a routine medical examination, which ends unexpectedly, in the dentist's chair. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #15 So Ein Zufall!
15 min, B&W, 1970 . . . . $4.00
Suma helps an African student to enroll at the university. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #16 Die Nachste Fuhrung Ist Um II Uhr.
15 min, B&W, 1970 . . . . $4.00
Tim and Pierre visit a medieval castle. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #17 Was Machen Wir Jetzt?
15 min, B&W, 1970 . . . . $4.00
Suma and friends go to a "ski-carnival" in the Alps. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #18 Der Anzug Passt Nicht Zur Krawatte.
15 min, B&W, 1970 . . . . $4.00
Aki goes to buy a tie and leaves the department store in a completely new suit. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #19 Darf Ich Zuschauen?
15 min, B&W, 1970 . . . . $4.00
When visiting Munich's famous picture gallery, the Alte Pinakothek, Tim gets into difficulties because he does not speak enough German yet. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #20 Und Viel Zu Essen Nicht Vergessen!
15 min, B&W, 1970 . . . . $4.00
Suma and a German couple spend a holiday on the North Sea coast. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #21 Vorsicht, Bremsen!
15 min, B&W, 1970 . . . . $4.00
Having overcome his difficulties in learning German traffic rules, Aki passes his driving test. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #22 Gesundheit, Herr Doktor!
15 min, B&W, 1970 . . . . $4.00
As a veterinary doctor's assistant, Suma gets an invitation to a country wedding. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #23 Was Tut Man In Dem Fall?
15 min, B&W, 1970 . . . . $4.00
On their foreman's birthday, Aki and his colleagues pay him a visit at his home. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #24 Haben Sie Etwas Zum Kleben?
15 min, B&W, 1970 . . . . $4.00
Tim and Pierre with a friend of theirs on a camping site at the foot of the Alps. (IFB) sh, c c
GERMAN LANGUAGE FILMS

Guten Tag #25 Ich Bin Spezialist!
15 min, B&W, 1970. $4.00
Having finished his training, Aki gets a new job in the Ruhr Valley. (IBF) sh, c
GERMAN LANGUAGE FILMS

Guten Tag #26 Sie Haben Die Prufung Bestanden!
15 min, B&W, 1970 . . . . $4.00
Suma's friends give a farewell part in her honor.
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's Film Series
This series is a complete course in intermediate conversational German. The dialogs are in German and there are no grammatical explanations or rules given in the films themselves. For prices of and for a complete 302 page textbook, a reader, and an illustrated workbook available for use with the series, write directly to—

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Guten Tag Wie Geht's #1 Kennen Sie Meinen Sohn?
15 min, Color, 1973 . . . . $8.00
An exaggerated and amusing caricature of the hippy life-style as Herr Hoffmann tries to locate his son Joachim. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #2 Wetten Ist Ehrensache.
15 min, Color, 1973 . . . . $8.00
A rickshaw ride for Gabi after viewing the six-day bicycle races. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #3 Damit Spielen Kinder Und Erwachsene.
15 min, Color, 1973 . . . . $8.00
Frau Schafer and Dieter argue over the type of toy best suited for children. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #4 Am Strand Ist Eine Perucke Sehr Praktisch.
15 min, Color, 1973 . . . . $8.00
Gunther realizes that wigs can be borrowed and worn by different people. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #5 Ausgerechnet Wilhelm Tell Von Schiller.
15 min, Color, 1973 . . . . $8.00
Herr Hoffmann's daughter Inge directs the play in which her father is forced to play the lead. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #6 So Etwas Muss Man Mit Gefuhl Machen.
15 min, Color, 1973 . . . . $8.00
Frau Schafer visits the optical trade fair and is so entranced by the television coverage that fantasy runs away with her. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #7 Die Sache Ist Ganz Einfach.
15 min, Color, 1973 . . . . $8.00
A comedy of errors and mistaken identity as Francois visits Hamburg for the first time. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #8 Punktlichkeit Ist Alles.
15 min, Color, 1973 . . . . $8.00
Hans is put on the bench as he is always late for hockey practice; Gabi tries the same tactics on him. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #9 Nero Versteht Etwas Von Kunst.
15 min, Color, 1973 . . . . $8.00
Frau Schafer and her nephew Wolfgang are searching for a painting to cover a spot on the wallpaper. Nero, her dog, makes the final decision. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #10 Dirndln Sprechen Bayerisch.
15 min, Color, 1973 . . . . $8.00
Gunther and Francois visit the Oktoberfest and all the shows. But they never seem to be able to catch the two girls in dirndls. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #11 Die Trauung Beginnt Um Dreiviertel Elf.
15 min, Color, 1973 . . . . $8.00
On the night before her wedding, Gabi dreams that Hans runs away; it is only a superstition that what one dreams on the night before the wedding will come true. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #12 Und Weit Und Breit Keine Tankstelle.
15 min, Color, 1973 . . . . $8.00
To avoid the heavy traffic on the Autobahn on Sunday, Herr Hoffmann and his son try remote country roads which lead to total confusion. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #13 Das Ziel Unserer Reise Ist Ein Schloss.
15 min, Color, 1973 . . . . $8.00
Frau Schafer lets her imagination run wild as she tours a castle by the Chiemsee. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #14 Vielleicht Versuchen Wir's Enimal Mit Studenten.
15 min, Color, 1973 . . . . $8.00
Siggi, a music student, joins Gunther's construction crew and surprises everyone. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #15 Gesunder Schlaf Und Viel Bewegung in Der Frischen Luft.
15 min, Color, 1973 . . . . $8.00
Gabi and Hans are spending their wedding trip on Lake Constance with relatives; in order to find some time alone, they finally resort to a balloon. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #16 Wie Kann Man Berliner Luft Sichtbar Machen.
15 min, Color, 1973 . . . . $8.00
While Herr Hoffmann and his students are on a field trip, the students busy themselves with an unusual method of collecting air in Berlin to sell as souvenirs. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #17 Die Mosel Im Wandel Der Jahrhundertte.
15 min, Color, 1973 . . . . $8.00
Schafer's nephew Wolfgang studies history by digging in books; she feels that history is something to be lived. Therefore they visit the Roman city of Trier. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #18 Was Man Nicht Kann, Muss Man Eben Lernen.
15 min, Color, 1973 . . . . $8.00
Gunther and Francois spend their vacation skiing in Inzell and enjoy the festivities of Fastnacht. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #19 Ein Luftballon Gehort Immer Dazu!
15 min, Color, 1973 . . . . $8.00
Gabi on a trip to Frankfurt finds a novel way to advertise the toy balloons the factory for which she works manufactures. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #20 Heidelberg Hat Noch Immer Seinen Alten Zauber.
15 min, Color, 1973 . . . . $8.00
Joachim finds that Heidelberg still has all its by-gone charm–with the help of three fairytale characters. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #21 Das Sind Melodien, Die Ewig Jung Bleiben.
15 min, Color, 1973 . . . . $8.00
Frau Schafer, while taking the cure at Baden-Baden, decides to update the usual daily concert. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #22 Nicht Fur Geld Und Gute Worte.
15 min, Color, 1973 . . . . $8.00
Gunther encounters problems as Herr Hansen is not willing to abandon his house which is in the middle of the construction site. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #23 Am Aschermittwoch Ist's Vorbei.
15 min, Color, 1973 . . . . $8.00
Hans wants to visit the Carnival in Cologne, but Gabi who is not too enthusiastic learns to enjoy the boisterous celebration. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #24 Dafur Gibt Es Sicher Eine Erklarung.
15 min, Color, 1973 . . . . $8.00
While visiting Bayreuth Herr Hoffmann finds that the owner of the pension tries to endow Richard Wagner with a worthy memorial through extraordinary means. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #25 Ein Kunstler Hat Fur Alles Im Leben Verstandnis.
15 min, Color, 1973 . . . . $8.00
Frau Schafer acts as mediator in a dispute between a troupe of actors and a retired actor who lives nearby. (IFB) sh, c
GERMAN LANGUAGE FILMS

Guten Tag Wie Geht's #26 So Kann es Nicht Weitergehen!
15 min, Color, 1973 . . . . $8.00
Featuring all characters, the staff of the Goethe Institute and the Bayerischer Rundfunk–all characters and staff in search of a final episode and each other in the forest. (IFB) sh, c
GERMAN LANGUAGE FILMS

Gymnosperms.
16 min, Color, 1961 . . . . $8.00
This film traces the life cycle of pine through growth of pollen and seed cones, pollination, fertilization and germination of seeds in fascinating sequences of animation and time-lapse photography. (EBF) sh, c
BOTANY–PHYSIOLOGY

H

Hacienda Chilena.
11 min, Color, 1961 . . . . $7.00
Spanish version of "People of Chile." Depicts a rural property in Chile known as a "Fundo." (IFB) sh, c
SPANISH LANGUAGE

Hafenrythmus.
13 min, Color, 1971 . . . . $7.00
Special version of award winning German documentary which shows the people and activities of Hamburg Harbor. (IFB) sh, c, a
GERMAN LANGUAGE FILMS

Haida Carver.
12 min, Color, 1964 . . . . $7.00
Shows a young Haida Indian artist on the Pacific Coast of Canada shaping miniature totems from argillite, a soft dark slate. (IFB) sh, c, a
ANTHROPOLOGY; ART, PRIMITIVE

Haiku: An Introduction to Poetry.
11 min, Color, 1970 . . . . $7.00
Visual impressions of life combine with music and spoken verse to inspire students to write their own haikus. (Coronet) el
POETRY

Half Half-Three Quarters-Full.
8 min, Color, 1970 . . . . $6.00
With a background of electronic music and sounds, this film without commentary portrays the suspense of rowing competition. (NFBC; IFB) el, jh, sh
MOTION PICTURES, EXPERIMENTAL

Half Million Teenagers.
16 min, Color, 1969 . . . . $8.00
Presents the physiological aspects of venereal disease. Explains both gonorrhea and syphilis, how they enter the body, affect tissues and organs, and how they may be recognized. Extensive animation. (Churchill) jh, sh, c, a
DISEASES; GUIDANCE, PERSONAL

Half of Mankind.
45 min, B&W, 1960 . . . . $3.50
Shows how villages in Asia are adapting and developing to meet their needs for survival in our present society. (United Nations) jh, sh, c, a
ANTHROPOGEOGRAPHY–FAR EAST; FAR EAST

Hall of Kings: Westminster Abbey–Shrine of Greatness.
27 min, Color, 1967 . . . . $13.00
James Mason, host and narrator, takes the viewer on a personalized tour of Westminster Abbey. This distinguished documentary distills 900 years of English history through arches, tombs, statues, plaques and stained glass windows. (ABC; McGraw-Hill) jh, sh, c, a
ENGLAND; MUSEUMS

Hall of Kings: Westminster Abbey–The Poets Corner.
27 min, Color, 1967 . . . . $13.00
James Mason, host and narrator, takes the viewer on a personalized tour of Westminster Abbey. Six hundred years of English literature are reviewed. While viewing statuary, tombs, plaques, and stained glass windows, the narration–enriched with quotations, recitations and dramatization–illuminates the mind and heart of the English people. (ABC; McGraw-Hill) jh, sh, c, a
ENGLAND; MUSEUMS

Hallo Ostfriesland.
16 min, B&W, 1971 . . . . $4.00
This film introduces the American student of German to the section of Germany near the North Sea. (IFB) sh, c
GERMAN LANGUAGE FILMS

Halogens.
16 min, Color, 1966 . . . . $8.00
The highly reactive halogens combine with metallic elements to form ionic compounds, and with non-metallic elements to form covalent compounds. Uses such as silver bromide on film and newer developments such as Teflon coating are shown. The combining of fluorine with the noble gases is also illustrated. Animation and laboratory demonstrations show how atomic structure is related to the high reactivity of halogen elements and the stability of their compounds. (Coronet) sh, c
CHEMISTRY, INORGANIC

Hamburg.
14 min, Color, 1969 . . . . $8.00
Starting from the port with its cargo ships, sightseeing boats and fish market, this completely new film takes us to various parts of the city including the old section and its monuments to ship building, Michaelis Church, the Rathaus, the Opernhaus, the University, the Wallanlagen, the Planten un Blomen, and modern sections of the city with large apartment buildings. (IFB) sh, c, a
GERMAN LANGUAGE FILMS

Hamburg, Die Hansestadt.
10 min, Color, 1958 . . . . $7.00
A map is used to locate Hamburg, Germany. Then tours the harbor section of the city and the business and shopping districts. Visits a typical middle-income home during a family gathering, the inner and outer lakes, the botanical gardens, and the zoo. The narration is suitable for intermediate German classes. (IFB) sh
GERMAN LANGUAGE FILMS

Handel and His Music.
13 min, B&W, 1957 . . . . $3.50
Filmed in Germany, Italy, and particularly in London where Handel reached the height of his career, the film presents him as a key figure in the development of baroque music. Musical selections illustrate his contributions to eighteenth-century music, including the oratoria form which he perfected in such works as the beloved *Messiah*. (Coronet) el, jh, sh, c, a
COMPOSERS; MUSIC; MUSIC–STUDY AND TEACHING

Handle with Care.
28 min, B&W, 1966 . . . . $3.50
Shows a variety of activities coordinated to provide comprehensive services to mentally retarded children and adults in a metropolitan area. Using a clinical setting with retarded children, this film accurately demonstrates the importance of having a "fixed point of referral" in the community upon which the families of the mentally retarded can depend for continuing lifetime guidance and assistance in obtaining appropriate services. Also emphasized is the early comprehensive diagnostic and evaluation service as a basis for competent program planning. (Public Health Service) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); MEDICINE

Handling Chemicals: Solids, Liquids, and Gases.
11 min, Color, 1971 . . . . $7.00
Demonstrates basic procedures for handling solid, liquid, and gaseous chemicals safely and effectively. (EBEC) sh, c
CHEMISTRY

Handling Marital Conflict.
14 min, B&W, 1965 . . . . $4.00
Portrays the development of an argument between each of two couples. One couple's argument develops into a constructive conflict; the other couple's into a destructive one. The audience is asked to distinguish between the two types of conflict. Comparative points are made regarding the elements of constructive and destructive conflict. (McGraw-Hill) sh, c, a
MARRIAGE; GUIDANCE, PERSONAL

Handmade Materials for Projection.
20 min, B&W, 1955 . . . . $5.00
In this film teachers of various subject-matter areas demonstrate how the basic principles of transparency, translucency, and opaqueness can be applied to the preparation of teaching materials for use in overhead, standard slide, and opaque projectors. Various methods of coloring and lettering are also shown and explained. (Indiana University) c, a
AUDIOVISUAL MATERIALS–PRODUCTION

Hands.
4 min, Color, 1960 . . . . $6.00
Hands narrowly escape disaster as they slice carrots, type, work in a machine shop, open drawers, paint, and lift. (IFB) a
SAFETY EDUCATION

Hansel and Gretel.
7 min, Color, 1969 . . . . $6.00
A story of the danger and illusions of the outside world. Nothing is what it seems to children whose parents have seemingly abandoned them. But these children do outwit the adults and find their way back to a loving home. (EBEC) el
CHILDREN'S FILMS; STORIES

Happy Anniversary.
13 min, B&W, 1961 . . . . $3.50
The French pantominist Pierre Etaix, stars in this comedy about a husband's encounter with traffic on the way home to his anniversary dinner. (Contemporary Films; IFB) sh, c, a
ALLEGORY

Happy Owls.
7 min, Color, 1969 . . . . $6.00
A legend about two owls who tell the barnyard fowl why they are happy. (Weston Woods) el
CHILDREN'S FILMS

Harbor Rhythm.
13 min, Color, 1971 . . . . $7.00
Award winner at several European festivals, this film presents the rhythm of life in the great Hamburg Harbor. (IFB) jh, sh, c
GERMANY

Hare and Tortoise.
10 min, B&W, 1948 . . . . $3.50
The famous fable is portrayed by live animals in their natural habitat. Other animals such as the skunk, a goose, a rooster, a little raccoon and an owl take part in the story. (EBF) el
ANIMALS–STORIES

Harlem in the Twenties.
10 min, Color, 1971 . . . . $7.00
This once fashionable, white suburb became a black ghetto during the early twenties. From the squalor and poverty came such greats as Bill Robinson, Ethel Waters, Josephine Baker, Paul Robeson, Duke Ellington, and other fine black artists. (EBEC) jh, sh
BLACK AMERICANS; U.S.–HISTORY

Harold and the Purple Crayon.
8 min, Color, 1969 . . . . $6.00
As Harold draws his way in and out of adventure, children become fascinated by the wondrous magic of the purple crayon. (Weston Woods) el
CHILDREN'S FILMS

Harold's Fairy Tale.
8 min, Color, 1974 . . . . $6.00
Harold draws an enchanted garden, only to discover that nothing can grow there because of the machinations of a Giant Witch. With the aid of his purple crayon, he defeats the Witch and makes the garden bloom again, but not before he encounters a variety of strange and wonderful experiences. (Weston Woods) el
CHILDREN'S FILMS; STORIES

Hat: Is this War Necessary?
18 min, Color, 1964 . . . . $10.00
A comic, animated film that explores the need for a world legal authority to establish disarmament and settle international disputes peaceably. Tells the story of a soldier who drops his helmet across the border which results in a full-scale international crisis. (Award Winner) (World Law Fund; McGraw-Hill) el, jh, sh, c, a
INTERNATIONAL COOPERATION; SOCIOLOGY

Have Our Planet and Eat It too.
24 min, Color, 1972 . . . . $10.00
A film about a conflict between theories of land use: the old mining laws vs. the new National Environmental Policy Act. A company that wishes to mine for phosphates in a National Forest is opposed by community forces. (Churchill) jh, sh, c
ECOLOGY; NATURAL RESOURCES

Hawaii–The Fiftieth State.
17 min, Color, 1960 . . . . $8.00
Film content includes scenes of an erupting volcano with the story of the birth of the Hawaiian Island and the creation of their spectacular land forms; silent craters of Maui; the rush of business activity in Honolulu; magnificent scenery; and of

Hawaii's enormous agricultural production of sugar and pineapples. With all its beauty, brilliant mosaic of cultures, thriving industries, and military importance, the film emphasizes that Hawaii has much to offer as the fiftieth State of the Union. (EBR) el, jh, sh, c, a
HAWAIIAN ISLANDS; U.S.–STATES; GEOLOGY

Hawaiian Islands: Their Origin and Nature Today.
10 min, Color, 1951 . . . . $7.00
Pictures and color drawings show how the Hawaiian Islands were formed by volcanic action. Spectacular scenes of a recent eruption of Mauna Loa Volcano are included. The film then shows how, through the action of rain, wind and ocean, the islands have been transformed during centuries of time into regions covered with tropical vegetation. Unusual trees, flowers and food crops illustrate the physical aspect of the island today. Maps show the geography of the Islands. (Dowling) el, jh
HAWAIIAN ISLANDS; U.S.–STATES; GEOLOGY

Health and Education: Keys to African Development.
14 min, Color, 1967 . . . . $8.00
Deals with two aspects of modernization in present-day Africa: improving the general health and raising the standard of education. These are viewed as basic to Africa's hopes for the future. (ABC; McGraw-Hill) sh, c, a
AFRICA; HEALTH; EDUCATION

Health; Dirt-Witch Cleans Up.
7 min, Color, 1971 . . . . $6.00
Good health habits and cleanliness are promoted in a fantasy about a witch who casts spells to make others as dirty and miserable as she is. (EBEC) el
HEALTH

Health: Eye-Care Fantasy.
9 min, Color, 1971 . . . . $6.00
A golden-gowned fairy escorts children through a film journey showing eye-care hygiene and ways to avoid eye injuries. (EBEC) el
HEALTH

Health: Germs and the Space Visitors.
11 min, Color, 1971 . . . . $7.00
Investigates the effects of germs and the body's defenses against them in a story involving Gleek and Double Gleek, visitors from space and two earth boys. (EBEC) el
HEALTH

Health in our Community.
14 min, Color, 1959 . . . . $8.00
Dramatizes the work of the Department of Health–both the everyday activities required to safeguard the community and the crises that result from the outbreak of a dangerous disease. (EBEC) jh
PUBLIC HEALTH

Health: Toothache of the Clown.
14 min, Color, 1972 . . . . $8.00
The need for regular dental care is shown in this charming story about a sad clown with a toothache. (EBEC) el
HEALTH

Healthy Teeth.
11 min, Color, 1967 . . . . $7.00
Illustrates proper care of the teeth and explains tooth and jaw structures at various stages of childhood and adolescence as well as the relationship of second teeth to baby teeth. (AIMS) el, jh
HEALTH; TEETH

Hearing Conservation (Dangerous Noise II).
22 min, Color, 1973 . . . . $10.00
This film stresses the importance of protecting oneself from dangerous noise and demonstrates the type of hearing loss sustained from working in areas where noise is a hazard. (IFB) sh, a
PUBLIC HEALTH

Heart Disease: Its Major Causes.
11 min, B&W, 1955 . . . . $3.50
Shows what happens when the human heart ceases to function normally. Using photographs of an actual heart, X-ray photographs, and animated drawings, the film explains high blood pressure, hardening of the arteries, and rheumatic fever, and shows some of the progress made in combatting these diseases. (EBF) jh, sh, c
DISEASES; MEDICINE

Heart: How it Works.
11 min, B&W, 1955 . . . . $3.50
By magnifying its sound, this film shows how the normal heartbeat sounds through a stethoscope. By means of animation, the film then illustrates the structure of the heart, the function of its parts and the flow of blood through the heart. Other methods for testing the heart, ways to maintain a healthy heart, and facts about its workload are given. (McGraw-Hill) jh, sh, c
PHYSIOLOGY

Heartbeat of a Volcano.
21 min, Color, 1970 . . . . $10.00
Dramatic filming one of the earth's most powerful land building processes–a volcano eruption. Shows the two-week buildup and awesome nine-hour eruption of Kilauea in Hawaii. (EBEC) jh, sh
GEOLOGY, NATURAL HISTORY

Heat and How We Use It.
11 min, Color, 1963 . . . . $7.00
Provides basic understanding about heat: its sources, the ways in which it travels, and its many uses. (EBEC) el
SCIENCE, GENERAL

Heat: Its Nature and Transfer.
11 min, B&W, 1958 . . . . $3.50
This film explains in animated drawings the nature of heat and some of the principal ways in which heat is transferred. It illustrates practical applications of heat in home and industry. It deals with such characteristics of heat as conduction, convection, and radiation and develops the concept of insulation. (EBF) jh, sh
HEAT

Heat–Molecules in Motion.
11 min, Color, 1965 . . . . $7.00
Explains introductory and basic concepts such as solids, liquids, gases, temperature, molecules, etc. (AIMS) jh, sh
SCIENCE, GENERAL

Heidelberg (2nd Edition)
16 min, Color, 1971 . . . . $8.00
A mother and daughter are shown touring many places of interest in and around Heidelberg, Germany. (EFB) sh
GERMAN LANGUAGE FILMS

Hello, Up There.
8 min, Color, 1970 . . . . $6.00
Children's drawings, paintings and comments create a wonderfully expressive film illustrating the way youngsters see–and feel about–the adult world. A film about the distance between adults and children. (Award winner) (LCA) el, jh, sh, c, a
CHILD STUDY

Help on Wheels.
15 min, Color, 1970 . . . . $3.50
Demonstrates "grassroots" community mobilization on behalf of the handicapped in the home environment. How communities can organize local leaders, professional and volunteer, to help the handicapped. (University of Nebraska) c, a
SOCIAL PROBLEMS; SOCIAL SERVICE

Help Prevent Fires (Aidez a prevenir l'incendie).
12 min, Color, 1966 . . . . $7.00
Through creative and imaginative use of animation, inanimate household objects are brought to "life" to demonstrate how accidental fires can occur by their mishandling and misuse. The objects, such as lighted cigarettes and matches, hot irons, frayed electrical wiring, gasoline, demonstrate how each can start fires and the tragic results are documented by photographs of actual cases. The incidental French commentary does not have to be understood to appreciate this film. Highly recommended by the National Fire Protection Association. (National Fire Protection Assoc.) el, jh, sh, c, a
FIRE PREVENTION; FRENCH LANGUAGE

Hemingway.
54 min, B&W, 1961 . . . . $9.50
Documents Hemingway's life. Includes one of the largest collections of still photographs and rare motion pictures ever assembled on Hemingway. Major literary and artistic personalities of the 20th Century are seen. (NBC; McGraw-Hill) jh, sh, c, a
AUTHORS, AMERICAN

Hen Hop.
4 min, Color, 1948 . . . . $6.00
Uses animation to show simple geometric elements building themselves up rhythmically into the shape of a hen. (NFBC; IFB) el
CHILDREN'S FILMS

Henri Matisse.
16 min, Color, 1971 . . . . $8.00
Presents the growth of the painter who affirmed the use of color above all and carried his vision to the farthest possible limits. (LES FILMS DuLEVANT; IFB) sh, c
ART, MODERN; ARTISTS

Henry Moore.
26 min, B&W, 1952 . . . . $6.50
This film shows the sculptor in his country studio, and among the many examples of his work exhibited is included the bronze statue, created especially for the Festival of Britain. In the film story are scenes portraying the influence of ancient works on his present style, and explanations of his views on artistic expression are given. Included also are scenes showing the planning, sketching, modeling and molding of a statue. (BIS) sh, c
ARTISTS

Henry Wadsworth Longfellow.
20 min, B&W, 1950 . . . . $5.00
Portrays salient and representative events in the life of Longfellow–events which make secure his unique place in the world of literature. Describes his early love for poetry and his growing, full life as teacher, scholar and poet. Interposes selections from his poems and depicts incidents which inspired him to write several of his best known works. (EBF) el, jh, sh
AMERICAN LITERATURE; AUTHORS, AMERICAN

Hercules.
11 min, Color, 1955 . . . . $7.00
Tells the story of a horse-drawn fire engine that became obsolete, only to become a hero and be placed in a museum. (Weston Woods) el
CHILDREN'S FILMS

Here Comes the Band.
17 min, B&W, 1952 . . . . $4.00
Describes the organization and preparation of the University of Michigan Band. Explains how candidates are picked, how music is selected and how production numbers are executed on the football field. (McGraw-Hill) jh, sh, c
MUSICIANS

Heredity and Family Environment.
9 min, B&W, 1955 . . . . $3.00
This dramatized study of a high school student demonstrates the fact that individuals are joint products of heredity and environment. The roles of heredity and environment, how they mesh in actual living, voluntary and involuntary actions, and the physical effects of emotion are illustrated. The film concludes by pointing out that each person has a hand in developing his own nature. (McGraw-Hill) sh, c, a
FAMILY; HEREDITY

Hidden Side of Selling.
33 min, B&W, 1961 . . . . $6.50
Gives several examples of ways in which salesmen can cope successfully with typical customer reactions and objections. (Roundtable Productions) c, a
SALESMANSHIP

Hidden World.
51 min, Color, 1967 . . . . $19.00
Takes a look at the world of insects that both plague and fascinate man. Uses photography to reveal the color and drama of insect life on four continents. (NGS) jh, sh, c
BIOLOGY; INSECTS AND SPIDERS

High Arctic Biome.
22 min, Color, 1961 . . . . $10.00
In this last region of the world to emerge from the age of ice, the camera has recorded evidence of the life of plants and animals and their constant struggle for survival in the harsh environment of the High Arctic. The film reveals a unique and fascinating study of life on the bleak Arctic coastal lands of Canada, where the defenseless survive merely by numbers and where, in a short summer, plants do not have time to blossom, where nature in providing for the species, is impartial. (EBF) sh, c
ADAPTATION (BIOLOGY); ECOLOGY; POLAR REGIONS

High on the Wind Rivers.
32 min, Color, 1972 . . . . $13.00
Depicts a group of youths who spend 35 days growing close to nature in an outdoor school in the Wind Rivers Mountains of Wyoming. Although they learn the techniques of mountaineering and wilderness survival, the real lesson comes in learning how to live attuned to a totally natural environment. (Benchmark Films) jh, sh, c, a
CAMPING; ECOLOGY

High Temperature Research.
19 min, Color, 1965 . . . . $10.00
The excitement of discovering new knowledge through research is illustrated by studying the bond strength of gaseous titanium monosulfide. Its gaseous molecules as well as gaseous titanium and sulfur atoms are produced by the vaporization of the high melting crystalline titanium monosulfide at temperatures near 2000 degrees K. The procedures for producing and measuring temperatures in this region are shown. A mass spectrometer identifies the gaseous species. Analysis of the mass spectrum gives the relative concentrations of atomic Ti and S, and of TiS molecules. A torsion effusion apparatus gives data on the total gas pressure at a series of temperatures. The partial pressure of each gaseous species is then calculated. Through LeChatelier's Principle, measurements of different temperatures give the bond strength of gaseous TiS. (Chem Study Films; MLA) sh, c
CHEMISTRY

Higher Education: Who Needs It?
51 min, Color, 1972 . . . . $19.00
Focuses on the dilemma of the college graduate faced with glutted job markets in fields they have been trained for. Investigates roots of problem in educational system and role of vocational college as an alternative. (CBS; Carousel) jh, sh, c, a
EDUCATION–AIMS AND OBJECTIVES; SOCIAL PROBLEMS; UNIVERSITIES AND COLLEGES

Highway Mania.
17 min, B&W, 1948 . . . . $4.00
Points out problems of traffic control and granting of licenses to people who do not qualify. Indicates the lack of uniform licensing laws. Studies the various causes of accidents. (McGraw-Hill) sh, c, a
SAFETY EDUCATION

Himalayan Shaman of Northern Nepal.
14 min, Color, 1968 . . . . $8.00
The influence of the Inner Asian Shamanic tradition is clear as the Shaman aids a client family by controlling spirits, foretelling the future, and sucking out intrusive objects. The film shows why people turn to the Shaman, what he thinks of his own powers, and what his role is in the community. (John Hitchcock; IFB) c
ANTHROPOLOGY; MYTHOLOGY

Himalayan Shaman of Southern Nepal.
15 min, Color, 1968 . . . . $8.00
Discusses the life and practice of a Shaman from the more Hindu Southern Nepalese Himalayas who has had some contact with western medical practices. (John Hitchcock; IFB) c
ANTHROPOLOGY; MYTHOLOGY

Hindu World.
11 min, B&W, 1963 . . . . $3.50
This historical and cultural survey of Hinduism is set against a background of ancient temples and statues and scenes of Hindu religious rites. The film stresses the various mental and physical disciplines called yogas, through which Hindus seek eternal union with Brahma, the universal spirit of God. Also treated are the caste system, the belief in reincarnation and the deep influence of the religion on the Hindu way of life. (Coronet) sh
RELIGION

Histoire de Poissons.
11 min, B&W, 1952 . . . . $3.50
The Martin family have reached St. Aignansur-Cher for the holiday. Martin and Roger plan to go fishing and assure Mrs. Martin that there will be fish for dinner. However, there is a guest for dinner and Mrs. Martin prudently buys a large fish at the market. So do Charles and Martin, each unknown to the other. Uses simple French dialogue and commentary. (IFB) jh, sh
FRENCH LANGUAGE

Historic Plymouth.
14 min, Color, 1965 . . . . $8.00
Re-enacts Pilgrims' establishment of homes in the new world. Visit historic sites and buildings still extant of the colony founded in 1620. (Melvin Brodshaug; IFB) jh, sh
U.S.–HISTORY: COLONIAL PERIOD

History of the Negro in America: 1619-1860: Out of Slavery.
20 min, B&W, 1964 . . . . $5.00
Follows the history of the Negro from the promise of equality set forth in the Declaration of Independence through the growth of slavery to the eve of the Civil War. Describes the everyday life of the Negros. (Niagra Films; McGraw-Hill) jh, sh, c
AFRO-AMERICANS; U.S.–HISTORY

History of the Negro in America: 1861-1877: Civil War and Reconstruction.
20 min, B&W, 1965 . . . . $5.00
Labels slavery and political struggle as the basic causes of the Civil War. Describes the Negro's fight for his freedom. The reforms of reconstruction and 1877 over-throw. (Niagra Films; McGraw-Hill) jh, sh, c
AFRO-AMERICAN; U.S.–HISTORY: CIVIL WAR

History of the Negro in America: 1877-Today: Freedom Movement.
20 min, B&W, 1965 . . . . $5.00
Studies the Negro sharecroppers tenant-farmer existence. Describes his migration to the North and West. Considers his involvement in the two world wars and in the later civil rights battle on the homefront. (Niagra Films; McGraw-Hill) jh, sh, c
AFRO AMERICANS; U.S.–HISTORY

History of the U.S. Navy, Part I: Civil War.
19 min, Color, 1957 . . . . $3.50
Traces the most significant events of the opening years of the Civil War, 1861-1862. Compares resources of both sides, and explains the basic Naval Strategy. Major events portrayed include the Monitor-Merrimac, the tightening blockade, the battle of New Orleans, the joint Army-Navy operations on the coast and inland waters. (U.S. Navy; UWF) el, jh, sh, c
U.S.–NAVY; U.S.–HISTORY: CIVIL WAR

History of the U.S. Navy, Part II: Civil War.
20 min, Color, 1957 . . . . $3.50
Traces the significant Naval events of the Civil War from the end of 1862 to the close of the war. (U.S. Navy; UWF) el, jh, sh, c
U.S.–NAVY; U.S.–HISTORY: CIVIL WAR

History of U.S. Foreign Relations: An Age of Revolutions.
31 min, Color, 1973 . . . . $13.00
Overviews the 1776-1823 period of American foreign relations as the U.S. struggled to be recognized and respected as an independent nation. (USDS) jh, sh, c
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

History of U.S. Foreign Relations: Reluctant World Power.
31 min, Color, 1973 . . . . $13.00
Relates the agonizing process by which the U.S. assumed, then rejected and finally was obligated to accept the role of a major world power in the 1914-1945 period. (USDS) jh, sh, c
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

History of U.S. Foreign Relations: Youth to Maturity.
31 min, Color, 1973 . . . . $13.00
Examines the development of the U.S. from a small and weak nation into a world power during the 1823-1914 period of its growth. (USDS) jh, sh, c
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

Hitch.
90 min, Color, 1973 . . . . $20.00
Hitch is the story of a black teen-ager–a Southern "country boy"–who encounters the exciting and dangerous challenge of Harlem's ghetto life. The audience discovers this world through Hitch's eyes: the pointless waste of young people's promise, the emphasis on material things, the frustration over trying to get a relevant education, the chaotic quality of family life, and the all-pervasive ugliness of daily life. (IFB) sh, c
BLACK AMERICANS

Hoarder.
8 min, Color, 1969 . . . . $6.00
Lively story about a blue jay who hides all he can see–including the sun. Pointed lesson about greed and sharing. Award winner. (NFBC; Benchmark Films) el, jh, sh, c, a
STORIES

Holidays Your Neighbors Celebrate.
11 min, Color, 1970 . . . . $7.00
Different national and religious holidays are shown, including the Chinese and Jewish New Year, Greek Easter, and Mexican Christmas. (Coronet) el
HOLIDAYS

Holland: Hold Back the Sea.
20 min, Color, 1967 . . . . $10.00
This study of people who live below the level of the sea illustrates how modern technology has enabled the Dutch to channel once-menacing water into productive uses. (EBEC) jh, sh
ANTHROPOGEOGRAPHY–EUROPE

Holy Land.
19 min, Color, 1962 . . . . $10.00
Shows the location and geography of the Holy Land and traces the Bible story from Bethlehem to Calvary. (IFB) jh, sh, c
ANTHROPOGEOGRAPHY–CENTRAL ASIA; MIDDLE AND NEAR EAST; RELIGION–HISTORY

Holy Land: Background for History and Religion.
10 min, Color, 1954 . . . . $7.00
Adding enrichment to the study of the geography, history, and the literature of ancient Palestine, this film presents scenes where important historical events took place. Maps and beautiful natural scenes show the relationships of Jerusalem, Nazareth, the Lake of Galilee, the River of Jordan, Jericho, Mount Nebo and other places to ancient history and much well-known Biblical literature. (Coronet) jh, sh, c
ANTHROPOGEOGRAPHY–CENTRAL ASIA, MIDDLE AND NEAR EAST; RELIGION–HISTORY

Holy Roman Empire.
14 min, B&W, 1961 . . . . $4.00
Photographed in Europe in authentic locales, this portrays an overview of the thousand-year history of the Holy Roman Empire. It describes how an enormous section of western Europe was united under the idea of a single Christian government. Costumed re-enactments with dialogue dramatize the division of powers and conflict between the Pope and the Emperors and the factors which led to the eventual decay of the Empire. (Coronet) sh
EUROPE–HISTORY: 476-1492; GERMANY

Home Nursing Story: Danger! Handle With Care.
27 min, B&W, 1963 . . . . $3.50
This film shows the home nurse how to prepare hot and cold applications and how to use them safely. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Image in the Mirror.
27 min, B&W, 1963 . . . . $3.50
Explains correct body mechanics and good posture for the home nurse and for the patient. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Milford, U.S.A.
27 min, B&W, 1963 . . . . $3.50
Stresses the importance of disaster preparedness and depicts the cooperation of community agencies in the Milford, Connecticut disaster. The film story also shows simulated disaster exercises in a Red Cross shelter and in a fallout shelter. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: One Minute Past Three.
27 min, B&W, 1963 . . . . $3.50
This film explains the role of the home nurse in maintaining health. Emphasis in the film story is on observing symptoms of illness and on giving simple nursing care before the doctor comes. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Passport to Tomorrow.
27 min, B&W, 1963 . . . . $3.50
This film contrasts modern medicines and the supplies now available for use by the home nurse with the old-fashioned medicine chest. Emphasis is given to the importance of administering medicine according to the doctor's orders. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Prairie Schooner, Space Age Model.
27 min, B&W, 1963 . . . . $3.50
In this film the home nurse is shown helping to prevent the spread of disease. Proper procedures for bed-making and grooming the bed patient are also included in the film story. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Road Back.
27 min, B&W, 1963 . . . . $3.50
Points out to the home nurse the importance of getting the sick and injured to help themselves as a means of rehabilitation. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Target, Babies and Children.
27 min, B&W, 1963 . . . . $3.50
The home nurse is shown in this film on how to take good care of infants and children. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Water.
27 min, B&W, 1963 . . . . $3.50
Points out to the home nurse the importance of conserving water in a disaster emergency. Shows ways to purify water and explains how to use the Civil Defense sanitation kit. (American National Red Cross) sh, c, a
NURSES AND NURSING

Home Nursing Story: Wonderful World of Food.
27 min, B&W, 1963 . . . . $3.50
This film stresses the importance of a well-balanced menu in maintaining health and depicts proper procedures for stockpiling food and water for emergency shelter. (American National Red Cross) sh, c, a
NURSES AND NURSING

Homes Around the World.
11 min, Color, 1963 . . . . $7.00
How the kinds of homes in different regions of the world depend upon the climate and materials available for building. (Coronet) el
CLIMATE; HOUSING

Homework: Studying On Your Own.
10 min, B&W, 1953 . . . . $3.50
Enabling students to take a positive and responsible attitude toward homework, this film shows three areas in which homework skills are necessary: finding a place and time to study, scheduling and arranging projects according to materials needed for study, and developing the habits of studying "on your own." These are portrayed in relationship to the significance of homework as a forerunner to success in college, business, and adult life. (Coronet) jh, sh, c
STUDY SKILLS

Homosexuals.
45 min, B&W, 1967 . . . . $8.00
Investigates the problem of sexual deviation by compiling medical, legal, clerical, and sociological views and counterbalancing them with interviews with homosexuals who reveal their fears of discovery and imprisonment. Concludes with a brilliant colloquy between author Gore Vidal and Columbia professor Albert Goldman on homosexuality and creativity. (CBS; Carousel) c, a
SOCIAL GROUPS; SOCIOLOGY

Honeybee: A Social Insect.
5 min, Color, 1955 . . . . $6.00
Honeybees are seen as a typical example of social insects because: (1) they cooperate with each other; (2) there is a division of labor among them; and (3) they live together in a common community. While observing these characteristics, the film studies the activities of the honeybees, their life-cycle of complete metamorphosis, and the values of the honeybee to man. (Coronet) el, jh, sh, c
BEES; ANIMALS–HABITS AND BEHAVIOR

Honorable Mountain.
20 min, Color, 1968 . . . . $10.00
Documents the significance of the aesthetic and philosophical meaning of Mount Fujiyama to the Japanese people. (NBC) jh, sh, c, a
JAPAN; PHILOSOPHY

Hooked.
20 min, B&W, 1966 . . . . $5.00
This is a powerful, sometimes shocking, description of the experience of drug addiction told in the words of young former addicts. It is not the voice of authority but of experience. It is real. As such, it will have a sobering effect even on the rebellious potential delinquent. (Churchill Films) sh, c, a
JUVENILE DELINQUENCY; NARCOTICS

Hoppy the Bunny: Background for Reading and Expression.
10 min, B&W, 1952 . . . . $3.50
One beautiful morning, Hoppy meets his friends, the raccoon and the owl, and for the first time hops out of the deep woods and sees life on a farm. He meets chickens, pigs and tame white rabbits; then, after being chased by a dog, Hoppy returns home safe and sound. This lovable story of Hoppy will lead youngsters naturally into more meaningful reading, drawing, and singing activities. (Coronet) el
ANIMALS–STORIES

Hopscotch.
12 min, Color, 1971 . . . . $7.00
An animated story. A boy who wants to make friends shows off his prowess, parades possessions, is noisy and disruptive, acts tough, flatters. At last he stops playing roles–and is accepted. (Churchill) el, jh, sh, c
GUIDANCE, PERSONAL

Horizons of Science Series: Exploring the Edge of Space.
20 min, Color, 1960 . . . . $3.50
Applications of plastic balloon technology to space reconnaissance at 100,000 feet are demonstrated by venturesome aeronautical engineer, Otto C. Winzen of Minneapolis. Interdependence among scientific disciplines is shown. (Educational Testing Service) sh, c
AERONAUTICS; SPACE FLIGHT

Horizons of Science Series: Flow of Life.
20 min, Color, 1960 . . . . $3.50
Basic research in the microcirculation of the blood and the capillary beds, with Dr. Benjamin Zweifach of the NYU College of Medicine and his associates. (Educational Testing Service) sh, c
PHYSIOLOGY

Horizons of Science Series: Mathematician and the River.
20 min, B&W, 1960 . . . . $3.50
An illustrative problem in applied science, flood control on the Mississippi River, is used to show the relationship between the "abstract" world of mathematics and the "real" world of nature. With Eugene Isaacson of NYU's Institute of Mathematical Sciences. (Educational Testing Service) sh, c
RIVERS; MATHEMATICS

Horizons of Science Series: Neutrons and the Heart of Matter.
20 min, Color, 1960 . . . . $3.50
Exploring the nature of matter, and the significance of the neutron's behavior, with Dr. Donald J. Hughes of Brookhaven National Laboratories. (Educational Testing Service) sh, c
PHYSICS

Horizons of Science Series: New Lives for Old.
20 min, Color, 1960 . . . . $3.50
With Dr. Margaret Mead of the American Museum of Natural History. Research in cultural anthropology. The story of striking change experienced in a twenty-five year period by the Manus people in the Admiralty Islands, and of the society's adaptation to a new way of life. (Educational Testing Service) sh, c
ANTHROPOLOGY

Horizons of Science Series: Project "Mohole."
20 min, Color, 1960 . . . . $3.50
In search of knowledge about the composition of the earth, a team of scientists is planning to drill a hole through its crust, through the Mohorivicic Discontinuity or "Moho," and on into the earth's mantle. This exclusive film report shows the first stages of the "Mohole" Project. Using oceanographic methods, geologists and geophysicists probe and survey the ocean floor to find where the "Moho" might be within reach. (Educational Testing Service) sh, c
GEOLOGY; OCEANS

Horizons of Science Series: Realm of the Galaxies.
20 min, Color, 1960 . . . . $3.50
An inquiry into the farthest reaches of the universe, with Dr. Allan R. Sandage of the Mt. Wilson and Palomar Observatories, California. This film shows the awesome beauty of distant galaxies. (Educational Testing Service) sh, c
ASTRONOMY

Horizons of Science Series: "Thinking" Machines.
20 min, Color, 1960 . . . . $3.50
With Claude Shannon of MIT, Alex Bernstein of IBM, and Leon Harmon of Bell Laboratories. Approaches and experiments in machine "intelligence." A mechanical mouse that learns by trial and error, a chess game against a giant computer, and a machine that recognizes visual patterns are highlights. (Educational Testing Service) sh, c
ELECTRONIC COMPUTERS

Horizons of Science: Visual Perception.
20 min, Color, 1960 . . . . $3.50
With Dr. Hadley Cantril of Princeton. Distortions which result from faulty assumptions are demonstrated with spectacular results by a prominent psychologist. The importance of sound assumptions to the success of scientific methods is emphasized. (Educational Testing Service) sh, c
SIGHT; PSYCHOLOGY

Horizons of Science Series: Worlds of Dr. Vishniac.
20 min, Color, 1960 . . . . $3.50
The life functions of microscopic, one-celled animals are revealed in all their complexity through extraordinary cinemicroscopy by Roman Vishniac, well-known microbiologist. Satisfactions to be

found in life-sciences are highlighted. (Educational Testing Service) sh, c
CELLS; BIOLOGY

Horse Family.
10 min, Color, 1965 . . . . $7.00
The evolution of the horse family and different uses and breeds of modern horses. (Boulton-Hawker Films; IFB) el, jh
EVOLUTION; HEREDITY

Horse Sense.
23 min, Color, 1965 . . . . $3.50
Forest Service Rangers still travel millions of miles by horseback. A younger ranger learns horsemanship from a veteran of the saddle. The emphasis is on the proper and safe ways to saddle and bridle, mount, ride, and care for a horse. (USDA Forest Service) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Diamond in the Rough.
14 min, Color, 1966 . . . . $3.50
Traces grooming, fitting and development of a pony from a rough yearling in the pasture to a two-year old ready to show in hand. Shows clipping, trimming hoofs, explains building of a leg muscle, development of trot, posing, nutrition, blanketing and braiding. (American Shetland Pony Club) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horse's Gaits.
15 min, B&W, 1949 . . . . $4.00
A motion picture taken in slow motion. The differences in the gaits of riding horses, specifically–Tennessee walking horses, standard bred pacers and trotters, American saddle horses at the stepping pace and rack, and race horses at full run. It features many famous horses. (Horse Association) c, a
ANIMALS, DOMESTIC; SPORTS

Horses: Introduction to Conformation.
18 min, Color, 1966 . . . . $3.50
Includes comparative examples of Shetland conformation and slow motion studies of walking and trotting. Conformation covers head, ears, eyes, neck, chest, barrel, tailsetting, legs and feet. (American Shetland Pony Club) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Judging Film No. 1.
25 min, B&W, 1960 . . . . $3.50
This film is for older advanced judging study groups only. It is actually an illustrated lecture based on a series of slides in which the characteristics of two types of Quarter horses are explained in detail. Explanations include skeletal and muscular considerations. There are no action scenes whatever in the film. The film opens with a non-visual announcement about the AQHA classification and pay plan for professional judges. (American Quarter Horse Assoc.) c, a
ANIMALS, DOMESTIC; SPORTS

Horses: Judging Film No. 2.
22 min, B&W, 1960 . . . . $3.50
This film deals with the travel of a horse. Emphasis is on feet and legs. Should be used to help in the judging and selecting of new mounts. (American Quarter Horse Assoc.) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Reining.
11 min, Color, 1957 . . . . $3.50
This film shows an individual test program which is gaining in popularity, and deals with Western riding to a specific design. In this instance the horse is judged for his performance, but the manner of handling the animal is also pointed out. (American Quarter Horse Assoc.) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Roping.
11 min, Color, 1957 . . . . $3.50
While not particularly adapted to this locale, this film deals with the interesting way horses take after cattle. (American Quarter Horse Assoc.) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Showing at Halter.
11 min, Color, 1957 . . . . $3.50
Good and bad presentations are shown for purposes of discussion. Points out need for good grooming and good showing patterns. While this film deals mainly with the topic of judging horses, emphasis is given to management of the horse. (American Quarter Horse Assoc.) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Youth and the Quarter Horse Part I.
25 min, Color, 1962 . . . . $3.50
This film was designed for 4-H Horse Club members, and gives specific instructions for handling horses with reference to: training, feeding, exercising, trimming the tail, picking up feet, loading, driving a horse trailer, and showing. Details are also given concerning bone structure and the good and bad points of legs, neck and body of a horse. (American Quarter Horse Assoc.) jh, sh, a
ANIMALS, DOMESTIC; SPORTS

Horses: Youth and the Quarter Horse Part 2.
28 min, Color, 1962 . . . . $3.50
This film gives instruction in breaking a horse to a saddle, and shows good riding and handling procedures with a number of horses at different ages. Stopping, backing, pivoting are all shown; and good and poor techniques are pointed out in barrel racing, walking, trotting and cantering. (American Quarter Horse Assoc.) sh, sh, a
ANIMALS, DOMESTIC; SPORTSTS

Hot Dog: Airplane.
6 min, Color, 1970 . . . . $6.00
Not only sensational stunt flying filmed at an Antique Fly-In, but an animated sequence showing exactly what makes an airplane fly. (NBC) el
CHILDREN'S FILMS

Hot Dog: Bicycles.
5 min, Color, 1970 . . . . $6.00
From the beginning of the handlebars, wheels, spokes, fenders, and frames to the assembly of the finished product. (NBC) el
CHILDREN'S FILMS

Hot Dog: Blue Jeans.
6 min, Color, 1970 . . . . $6.00
The entire process is filmed at the Levi Strauss factory in San Jose, California. There are some 183 separate steps that go into the sewing of blue jeans. (NBC) el
CHILDREN'S FILMS

Hot Dog: Footballs.
6 min, Color, 1970 . . . . $6.00
Jonathan Winters, with the help of some footage taken at a football factory, tells how footballs are made. (NBC) el
CHILDREN'S FILMS

Hot Dog: Letter.
5 min, Color, 1970 . . . . $6.00
A close-up look at the Post Office operation. (NBC) el
CHILDREN'S FILMS

Hot Dog: Lumber.
4 min, Color, 1970 . . . . $6.00
In the deep redwood forests of Northern California man-made sounds are heard: a buzzing chain saw, a rumbling lumber truck, and the whirr of the giant saw blade that turns the trees into boards. (NBC) el
CHILDREN'S FILMS

Hot Dog: Maple Syrup.
6 min, Color, 1970 . . . . $6.00
"When the snow begins to melt, the sap begins to rise in the maple sugar trees," says a farmer from New Hampshire. Then it goes from sap to syrup. (NBC) el
CHILDREN'S FILMS

Hot Dog: Neon Sign.
4 min, Color, 1970 . . . . $6.00
Comments are made by kids as work progresses in a neon sign factory. (NBC) el
CHILDREN'S FILMS

Hot Dog: Paper Money.
10 min, Color, 1970 . . . . $7.00
Filmed at the Bureau of Printing and Engraving in Washington, D.C., the various processes that go into the production of dollar bills. (NBC) el
CHILDREN'S FILMS

Hot Dog: Pennies.
4 min, Color, 1970 . . . . $6.00
The processes at the United States Mint in Philadelphia with Jonathan Winters as a guide. (NBC) el
CHILDREN'S FILMS

Hot Dog: Plywood.
4 min, Color, 1970 . . . . $6.00
First a log is put into a huge steam room so that the wood will

become wet and flexible. Then onto a machine which rotates the log against a huge blade that peels the wood away in thin strips. Then the strips are cut to size, glued together, pressed in a large press...and presto, plywood! (NBC) el

CHILDREN'S FILMS

Hot Dog: Stained Glass Windows.

7 min, Color, 1970 . . . . $6.00

This film shows that no color is painted on the glass–it's embedded in each piece and the windows last eight or nine hundred years. (NBC) el

CHILDREN'S FILMS

Hot Dog: Steam Trains.

4 min, Color, 1970 . . . . $6.00

A ride on an authentic steam railroad in Northern California which makes a daily trip carrying passengers. (NBC) el

CHILDREN'S FILMS

Hot Dog: Toothbrushes.

6 min, Color, 1970 . . . . $6.00

A tour of a toothbrush factory where one of the machines turns out enough toothbrushes in one hour to last a family of four 68 years. (NBC) eel

CHILDREN'S FILMS

Hot Dog: Toothpaste.

4 min, Color, 1970 . . . . $6.00

JoAnne Worley and Jonathan Winters attempt to answer, "How do they get the toothpaste in the toothpaste tube?" in their own way. Then a visit to a toothpaste factory provides the real answer. (NBC) el

CHILDREN'S FILMS

Hotel A Paris.

11 min, Color, 1970 . . . . $7.00

Having just arrived in Paris, Penny is brought to her hotel by her friend Michele. She is introduced to Mme. Leriche, the owner, learns the vocabulary for the items in the hotel room, and buys some postcards before she and Michele go to lunch. (IFB) jh, sh, c

FRENCH LANGUAGE

House of Man–Our Changing Environment.

17 min, Color, 1965 . . . . $8.00

This film reveals the waste of resources in cities, woodlands, farmlands and the pollution of river waters and of the air. Comparison is made between progress through wasteful methods, and through the intelligent preservation of resources. The film emphasizes that in "The House of Man"–the planet Earth–it is necessary to weigh values: conservation versus destruction. (EBF) el, jh, sh, c

NATURAL RESOURCES; SOIL CONSERVATION; WATER AND WATER SUPPLY

House of Science.

15 min, Color, 1962 . . . . $17.00

Like a burgeoning housing development, science is shown expanding and subdividing from its early history of navigation and calendar making to its explosive growth today. Emphasis is on science as an artistic or philosophical enterprise. (EAMES; EBEC) jh, sh, c

HISTORY, UNIVERSAL; SCIENCE, GENERAL

House of Seven Gables.

35 min, B&W, 1940 . . . . $6.50

A classroom version of Universal's feature picture based on Nathaniel Hawthorne's novel. (TFC) jh, sh, c

AMERICAN LITERATURE

House that Wasn't There.

6 min, Color, 1971 . . . . $8.00

Exercises imaginations as children try to solve the problem of the missing house. (EBEC) el

CHILDREN'S FILMS

Housefly.

15 min, B&W, 1958 . . . . $4.00

This film makes use of unusual techniques of microphotography and magnification to portray the habits and life history of the common housefly and the ways in which it is a menace to health. It traces physical development from egg-laying through larval and pupal stages of the emergence of the young fly. Magnified views reveal biological structure and methods of carrying and spreading disease germs. It also suggests practical control methods. (EFB) jh, sh, a

HYGIENE; INSECTS AND SPIDERS

How Animals Eat.

10 min, B&W, 1948 . . . . $3.50

Explains the concept of how animals have become adapted for food-getting in order to survive. The film deals with such special food-getting adaptations as teeth, claws, beaks, poison mechanism, webs, and others. (McGraw-Hill) el, jh, sh

ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

How Animals Move.

10 min, B&W, 1948 . . . . $3.50

This Elementary Science film deals with the way in which animals are adapted for moving about in order to get food and to survive. It points out the various ways in which animals have become adapted (wings, fins, number of legs, etc.) to move about and solve the problems of their environment. (McGraw-Hill) el

ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

How Big is an Atom?

30 min, B&W, 1955 . . . . $6.50

Establishes the realness of atoms by showing they have a definite and understandable size in relation to the visible world. Considers the chemist's representation of molecules using "balls and sticks." Shows how chemistry, using this idea built an elaborate science without knowing whether or not atoms really existed. Reviews various determinations of the size of atoms: measurements of diffusion, surface tension, and Brownian motion. Discusses some of the ways in which the effects of atoms have been observed: Millikan's oil drop experiment in relation to the electrolytic deposition of matter, amplification of faint radio waves, scintillation of radioactive materials on an appropriate screen, and measurement of radioactive decay. Emphasizes that when the size of atoms has been determined in so many different ways, always with identical results, we can no longer doubt that atoms exist. Through the optical and electron microscope, presents a visual notion of the size of atoms. Suggests that while an atom cannot be seen, the world of the atom is not very far from us. Contrary to our usual concept of matter as being divisible *ad infinitum*, the end of this division may be nearer than most of us think. (KQED; NET) sh, c, a

ATOMIC ENERGY

How Children Learn.

23 min, Color, 1972 . . . . $10.00

"Turned-on classrooms" are beginning to appear all over the country. New techniques that free the creativity of children are being used at all age levels. More children can now learn in fertile educational environments with greater emphasis on developing their total personalities. (NBC) c, a

EDUCATION, ALTERNATIVE

How Do They Move?

6 min, Color, 1971 . . . . $6.00

The similarities and differences in the way various animals move and the special ways they are adapted to their environments are examined. (EBEC) el

ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR

How Do You Count?

12 min, Color, 1963 . . . . $7.00

Uses animation to explain the operation of counting systems in bases other than ten as a means of clarifying the base ten system. (IFB) el, jh

MATHEMATICS

How Effective is Your Reading?

10 min, B&W, 1951 . . . . $3.50

Though students vary widely in reading speed and efficiency, this film will help each improve his reading habits, for faster reading and for better comprehension. Skimming for overview, fast reading for general understanding; slow, careful reading for precise information and other important techniques are presented to help the student in various types of materials. (Coronet) jh, sh

READING

How Good is a Good Guy?

21 min, B&W, 1960 . . . . $5.00

Several dramatic episodes illustrate some of the hidden problems caused when supervisors are overly concerned with their own popularity with employees. Shows how a good supervisor can deal with problem workers and overcome resistance to change. (Roundtable Productions) c, a

PERSONNEL MANAGEMENT

How Green was My Valley.

30 min, B&W, 1941 . . . . $6.50

A classroom version of the 20th Century Fox feature based on

the novel. (TFC) jh, sh, c.
JOURNALISM; LABOR AND LABORING CLASSES

How Level is Sea Level?
13 min, Color, 1970 . . . . $7.00
Waves and tides create constant changes, even mean sea level is not the same for all the oceans. (EBEC) jh, sh
OCEANS

How Many Stars?
13 min, B&W, 1954 . . . . $3.50
13 min, Color, 1954 . . . . $7.00
This film presents a short history of the development of the telescope and the discoveries that followed. Our solar system, the Milky Way and distant galaxies are explained. The meaning of a light year is clarified. The number of stars and the vastness of space are dramatized. (MIS) jh, sh, c
ASTRONOMY

How Much Affection?
20 min, B&W, 1960 . . . . $5.00
How much affection should there be between a couple that is going steady? How far can young people go in petting and still stay within the bounds of social mores and personal standards? The carefully presented drama of this film sets the stage for constructive and frank discussion of these and related questions of vital importance to young people today. (McGraw-Hill) sh, c
DATING (SOCIAL CUSTOMS); MARRIAGE

How Nature Protects Animals.
11 min, B&W, 1959 . . . . $3.50
Examines the phenomena of protective adaptation of various animals to different environments. Portrays representative types in their natural habitats and illustrates different kinds of protection, including ability to run rapidly, mimicry, coloration, armour, and secluded homes. Among the animals shown are the tiger, giraffe, zebra, horse, kangaroo, rabbit, chameleon, magpie, woodpecker, waterhen, pheasant, looper caterpillar, and bee-hawk moth. (EFB) el, jh
ADAPTATION (ANIMALS)

How Our Bodies Fight Disease.
8 min, B&W, 1955 . . . . $3.00
Acting as our bodyguards against many illnesses are the skin, some of the mucous membranes, the lymphatic system and the blood stream. The ways in which they protect us are visualized by animation and explained in simple terms. (EFB) el
DISEASES; PHYSIOLOGY

How Solid is Rock?
22 min, Color, 1968 . . . . $10.00
Designed to help students grasp the concept that the earth, when considered over the long span of geological time, behaves much like a soft ball. The film establishes a parallel between the constant flux of the atmosphere and hydrosphere and the deformation and movement of the lithosphere. (EBEC) sh
GEOLOGY

How to Keep a Job.
10 min, B&W, 1950 . . . . $3.50
For vocational guidance, for business education, and for all young people, this picture develops an important theme. Job success is dependent upon more than a wise selection of vocation, more than the right attitude toward work itself, more than the wise selection of a particular position. Although all of these are important, job success means getting along with fellow-workers, conduct of work, attitude toward company, and several other factors which this film explains. (Coronet) jh, sh
GUIDANCE, VOCATIONAL

How to Kill.
11 min, Color, 1970 . . . . $7.00
Sensitive portrayal of a soldier torn between the sanctity of life and wartime slaughter. Six poems of Keith Douglas (who died in 1944 during World War II) are read and illustrated by water-colors. Award winner. (Benchmark Films)sh, c, a
HUMAN RELATIONS; SOCIAL ETHICS; WAR

How to Make a Puppet.
12 min, B&W, 1953 . . . . $3.50
This film shows the construction of the head and hands of the puppet from plasticine, application of papier mache, painting, designing the costumes, sewing, and controlling the puppet from a stage. While several types of puppets are shown, the audience is challenged to find original ideas for creating puppets to fit particular needs. (Ruby Niebauer, BFA) c, a
PUPPETS

How to Make a Washbottle.
11 min, B&W, 1970 . . . . $3.50
Recognizing that many beginning students show little interest in becoming competent at building apparatus, this film makes a calculated attempt to change their minds. In what appears to be an elaborate home movie, opening with Maple-Leaf Rag played on a 1920 Victrola, a laboratory instructor speaks out on the extraordinary virtues of the simple washbottle and then, in dead pan, insists that Yale expects every student to make one. (EBEC) sh, c
CHEMISTRY

How to Make and Use a Diorama.
20 min, Color, 1957 . . . . $10.00
This how-to-do-it film for teachers demonstrates the procedures for constructing dioramas for classroom teaching purposes. This method of teaching was evolved at Syracuse University. (McGraw-Hill) c, a
EDUCATION–METHODS

How to Prepare a Class Report.
10 min, B&W, 1953 . . . . $3.50
This film outlines a procedure applicable to almost any type of oral or written report. Students are advised to review their own interests for subject matter, but also to remember those of the audience, to go to the library for reliable source material and to utilize personal experiences; then to sort out and organize what they have found. (Coronet) jh, sh
STUDY SKILLS

How to Read a Book.
11 min, B&W, 1964 . . . . $3.50
Chuck learns how to select the best book for a particular purpose and how to use a book's reading aids, such as the preface, footnotes, chapter headings, and index. He learns to adjust his reading speed to his reading purpose, to look for the author's point of view, and to use his own judgment in analyzing and evaluating a particular book. (Coronet) jh, sh
READING; STUDY SKILLS

How to Read Newspapers.
10 min, B&W, 1951 . . . . $3.50
The story of gathering, printing, and distributing papers is told as it relates to the intelligent reading of newspapers. Such topics as how to skim, how to read headlines, how to read news stories, why to read more than one paper, the role of opinions in papers, and how intelligent reading of newspapers can aid study are emphasized. (Coronet) jh, sh
READING; JOURNALISM

How to Study.
10 min, B&W, 1963 . . . . $3.50
Jim must study and he makes it as interesting and profitable as possible. By organizing his work and budgeting his time, by reading with a purpose and knowing how to locate reference material quickly, he gets more done in less time. (Coronet) jh, sh
STUDY SKILLS

How to Use Classroom Films.
15 min, Color, 1963 . . . . $8.00
This film demonstrates the creative responsibility of the teacher throughout the five basic steps in using a classroom film, selecting the film, preparing for its use, developing class readiness, showing the film, and managing follow-up activities. Each step is clearly dramatized in actual classroom situations. (McGraw-Hill) c
AUDIOVISUAL MATERIALS–UTILIZATION

How to Write Effectively.
10 min, B&W, 1949 . . . . $3.50
This film demonstrates the important rules for effective writing and then proceeds to situations which help to make all writing effective. Materials, audience, and purpose are offered as elements which must be considered. The picture discusses the factors involved in editing and offers an exercise in classroom participation. (Coronet) jh, sh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

How We Elect Our Representatives.
10 min, B&W, 1963 . . . . $3.50
Mary is just twenty-one years old; this is her first election. As she follows through the procedure of registration, the primary election, the campaign, voting and the counting of the ballots, she sees that the functional basis of our democracy is the election system. (Coronet) jh, sh
ELECTIONS; U.S.–POLITICS; U.S.–GOVERNMENT

How We Learn About the Past.
30 min, Color, 1967 . . . . $13.00
This basic introduction to the science of archaeology shows in a straight forward manner how archaeologists working in South-eastern United States locate and excavate a site, then examine

their findings. (Anthropology Curriculum Study Project; IFB) jh, sh
ARCHAEOLOGY

How's School, Enrique?
18 min, Color, 1970 . . . . $10.00
Contrasting a subject-oriented department chairman whose attitude toward minorities is 'Let them learn a trade,' with a compassionate, 'English is a Second Language' teacher, the film helps us learn an enormous amount regarding problems faced by Mexican-American youngsters in an often hostile Anglo society. (AIMS) c, a
EDUCATION

Human Body: Nutrition and Metabolism.
14 min, B&W, 1962 . . . . $4.00
This film distinguishes between basal metabolism and active metabolism and expresses the energy requirements of metabolism in units of calories. The film discusses the five classes of chemical substances which comprise all natural foods, carbohydrates, fats, proteins, vitamins, and minerals, and explains the basic chemistry by which they supply our bodies with energy and essential chemicals needed for growth and repair. (Coronet) jh, sh
NUTRITION; PHYSIOLOGY

Human Brain.
11 min, B&W, 1955 . . . . $3.50
Defines the brain and compares its development in several animals and in man. Differentiates the function of the medulla and cerebellum, and describes the cerebrum in detail. Illustrates the cerebral functions of perception, motor control, analysis, integration, planning future acts, and elaborating responses as applied in a critical situation. (EBF) jh, sh
NERVOUS SYSTEM

Human Digestion.
10 min, B&W, 1951 . . . . $3.50
Describes the principal steps of the digestive process. (Athena) sh, c
PHYSIOLOGY

Human Machine.
14 min, Color, 1955 . . . . $8.00
Various systems of the human body are compared with man-made machines. The function and inter-relationships of muscular and skeletal, digestive and nervous systems are discussed. The film points out ways in which the "human machine" is far superior to any man has invented. (MIS) jh, sh, c
PHYSIOLOGY

Human Reproduction.
21 min, Color, 1966 . . . . $10.00
Using still and animated drawings, with an accompanying descriptive narration, this film offers an objective, scientifically accurate, and biologically correct analysis of the structure and function of the male and female reproductive organs, the fertilization process, the development of the fetus, the birth process, and the responsibility involved in the act of human reproduction. Also discussed are the processes of ejaculation, ovulation, menstruation, and fertilization. Of particular value is the clear dramatization of the development of the fetus and the actual birth process as the unborn baby begins its passage through the birth canal to emerge at last through the vagina. The film then presents a scene with live actors–a doctor holding a newborn baby as he presents it to its tired but happy mother. In the final scene, your students see a group of active young children as the narrator emphasizes the responsibility involved in the act of human reproduction. This important film will help your students develop an appreciation of the psychological, emotional, and moral aspect of the human reproductive process. It will help you to help them develop an appreciation for the miracle of human birth and a keener awareness of the responsibility of parents toward the new life they have jointly created. (McGraw-Hill) jh, sh, c, a
PHYSIOLOGY; SEX EDUCATION; REPRODUCTION

Human Sexuality Series: Special Notice
The user's attention is directed to the explicit treatment of sexuality in this film series. The user assumes full responsibility for proper utilization of these films upon rental.

Human Sexuality: Achieving Sexual Maturity.
21 min, Color, 1973 . . . . $10.00
Using live models and animation, this film explicitly treats human anatomy, physiology, and sexual development throughout the life cycle. The process of maturation, fertilization, embryonic development, and menstruation are clearly presented. Masturbation is shown in both sexes and treated as a natural sexual behavior. (Wiley) sh, c
REPRODUCTION; SEX EDUCATION

Human Sexuality: Conception.
23 min, Color, 1973 . . . . $10.00
Explains various methods of contraception, including the rhythm method, and compares them in terms of effectivensss. Sterilization is discussed as a permanent form of contraception and young people are discouraged from making a decision of this sort until they are older. (Wiley) sh, c
SEX EDUCATION

Human Sexuality: Sexually Mature Adult.
16 min, Color, 1973 . . . . $8.00
Using live models and animated diagrams this film deals with the four phases of sexual response identified by Masters and Johnson. Shows couples in various stages of sexual foreplay and intercourse. Narration includes men and women recalling their feelings during lovemaking. (Wiley) sh, c
SEX EDUCATION

Human Sexuality: Venereal Diseases.
17 min, Color, 1973 . . . . $8.00
Deals with the myths, causes, symptoms, and treatment of syphilis and gonorrhea. Utilizes interviews with patients in VD clinics in order to increase reality of situation for young people. (Wiley) sh, c
SEX EDUCATION

Humanities Films: Their Aims and Uses.
27 min, Color, 1965 . . . . $13.00
Presents a cross-section of the EBEC Humanities Program. There are clips from approximately 15 of the films in the series. Discusses the meaning and purpose of the Humanities in general, and "listens in" on a high school classroom discussion based on Huckleberry Finn and Hamlet. (EBEC) c
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS; LITERATURE

Humanities Series: Art of the Middle Ages.
28 min, Color, 1960 . . . . $13.00
John Canady leads the audience to an understanding of the medieval world through its expression in art. (EBF) sh, c
ART, MEDIEVAL

Humanities Series: Art (What is it? Why is it?).
28 min, Color, 1960 . . . . $13.00
John Canady demonstrates man's preoccupation with art and its various facets through the ages. (EBF) sh, c
ART; ART–STUDY AND TEACHING

Humanities Series: Athens (Golden Age).
28 min, Color, 1960 . . . . $13.00
Charles Kahn gives an answer to the ever recurring question: Why is Fifth Century Athens considered by many to have been the most civilized society that has yet existed? (EBF) sh, c
HISTORY, UNIVERSAL; PHILOSOPHY; GREECE

Humanities Series: Bartleby.
28 min, Color, 1970 . . . . $13.00
Herman Melville's enigmatic, haunting story of the men who "preferred not to" has been faithfully but imaginatively translated onto film, with authentic locales, period sets, and unusually sensitive performances. (EBEC) jh, sh, c
AMERICAN LITERATURE; STORIES; AUTHORS, AMERICAN

Humanities Series: Character of Oedipus.
30 min, Color, 1971 . . . . $13.00
Important scenes from the play are presented: Oedipus' character and actions are described and analyzed in view of Aristotle's theory of the "fatal flaw" in all tragic characters. (EBEC) sh, c
DRAMA; LITERATURE

Humanities Series: Chartres Cathedral.
28 min, Color, 1960 . . . . $13.00
A study and interpretation of the great Gothic cathedral as "a towering synthesis of medieval life and art." (EBF) sh, c
ARCHITECTURE; ART, MEDIEVAL; RELIGION

Humanities Series: Cherry Orchard, Part I–Chekhov: Innovator of Modern Drama.
21 min, Color, 1968 . . . . $10.00
Through fascinating examples from the play, Norris Houghton (the narrator) shows why Chekhov's characters cannot be pigeonholed, why his plays have little external plot action. Probing questions help one see that it is often the internal that produces the sharp, cutting edge of truth. (EBEC) sh, c
LITERATURE; DRAMA

Humanities Series: Cherry Orchard, Part II–Comedy or Tragedy?
22 min, Color, 1968 . . . . $10.00

Comedy or tragedy? The controversy persists. Norris Houghton (the narrator) guides the viewer deftly toward Chekhovian characterization. He reminds us of Chekhov's concern with the action of one mind upon another: of Chekhov's conviction that words are often mere coverups for real feelings. (EBEC) sh, c
LITERATURE; DRAMA

Humanities Series: Discussion of Bartleby.
10 min, Color, 1969 . . . . $7.00
Commentary written and presented by Dr. Charles Van Doren, author, Associate Director of the Institute for Philosophical Research, and Executive Editor of The Annals of America. (EBEC) jh, sh, c
AMERICAN LITERATURE; LITERATURE

Humanities Series: Dr. Heidegger's Experiment.
22 min, Color, 1970 . . . . $10.00
Dovetails with the study of any of Nathaniel Hawthorne's work since it deals with two of his favorite themes: the consequences of tampering with nature and of rejecting conventional morality. (EBEC) jh, sh, c
AMERICAN LITERATURE; STORIES; AUTHORS, AMERICAN

Humanities Series: Doll's House, Part I–Destruction of Illusion.
33 min, Color, 1968 . . . . $13.00
Introduces a normal family living in a typical American suburb (in place of Ibsen's Norway) to emphasize that what Ibsen had to say in *A Doll's House* is as pertinent today as it was in his own time. Analyzes what happens to Nora between the idyllic opening of the first act and the slammed-door exit of the last act. (EBEC) sh, c
LITERATURE

Humanities Series: Doll's House, Part II–Ibsen's Themes.
28 min, Color, 1968 . . . . $13.00
Ibsen's cast of characters are reassembled to speak poignantly for themselves. The circumstances surrounding these stage figures are the same circumstances surrounding many adults. As each powerful example unfolds, the narrator stresses the recurring themes prevalent in all of Ibsen's plays. (EBEC) sh, c
LITERATURE

Humanities Series: Great Expectations I.
30 min, Color, 1960 . . . . $13.00
Selected dramatic scenes established the setting, characters and the shape of this classic novel and deftly introduce some of its major themes. (EBF) sh, c
ENGLISH LITERATURE; LITERATURE

Humanities Series: Great Expectations II.
30 min, Color, 1960 . . . . $13.00
Probes deep into the novel's underlying meanings. Interprets the dominant themes in terms of the Kantian ideal, notes the violation of this universal law of morality, and how it precipitates the tragedy. (EBEC) sh, c
ENGLISH LITERATURE; LITERATURE

Humanities Series: Greek Myths, Part I.
22 min, Color, 1971 . . . . $10.00
Explores myth as primitive fiction, history in disguise, and the outgrowth of prehistoric ritual. Important myths, such as Theseus and the Minotaur, Orpheus and Eurydice, Actaeon and the goddess Artemis, and Persephone, are presented in drama, art and animation. (EBEC) sh, c
GREECE; MYTHOLOGY

Humanities Series: Greek Myths, Part II.
25 min, Color, 1971 . . . . $10.00
Shows how ancient man developed myths to explain natural phenomena and religious and moral problems. The myth of Narcissus is a shrewd psychological diagnosis; the myth of Typhoeus imprisoned under Mount Etna, an attempt to explain volcanos; the story of Hyperion and Phaethon relates to a possible solar disturbance. (EBEC) sh, c
GREECE; MYTHOLOGY

Humanities Series: Hamlet–Age of Elizabeth.
28 min, Color, 1960 . . . . $13.00
Maynard Mack introduces the classes and customs of the Elizabethan Age. He discusses the theatre, its conventions and audience, and describes their similarities and differences to those of the modern theatre. (EBF; Mass. Council for the Humanities) sh, c
DRAMA–TECHNIQUE; ENGLISH LITERATURE

Humanities Series: Hamlet–Poisoned Kingdom.
30 min, Color, 1959 . . . . $13.00
Mr. Mack observes that Hamlet is really the story of a ruined kingdom, where the poisoning is both literal and figurative, affecting everyone in the play. (EBEC) sh, c
DRAMA; SHAKESPEARE

Humanities Series: Hamlet–Readiness is All.
30 min, Color, 1959 . . . . $13.00
Hamlet is presented as a story dealing with some of the unique problems of a young man growing up–the discovery of the presence of evil, the problem of separating reality from wishes and the problem of contamination. (EBEC) sh, c
DRAMA; SHAKESPEARE

Humanities Series: Hamlet–What Happens in Hamlet.
28 min, Color, 1960 . . . . $13.00
Hamlet is introduced as a play with three movements: a ghost story, a detective story, and a revenge story. The major characters and movement and their interrelationships in the play are discussed. (EBF; Mass. Council for the Humanities) sh, c
DRAMA–TECHNIQUE; ENGLISH LITERATURE

Humanities Series: Huckleberry Finn and the American Experience.
26 min, Color, 1965 . . . . $13.00
Clifton Fadiman prompts viewers to see the story of "Huck" as a viable experience that spans time; a relevant whole and meanings that apply equally well to contemporary life. It is pointed out that this timeless quality accounts in part for the novel's durability. Cooper's *Last of the Mohicans* and *Huckleberry Finn* are compared by means of selected dramatizations from both novels. The film story concludes with a discussion of the novel as a possible "national epic." By focusing on the epic qualities (including humor), Mr. Fadiman illustrates how and why *Huckleberry Finn* fulfills the basic essential of all classic literature–universality. (EBF) sh, c
AMERICAN LITERATURE

Humanities Series: Huckleberry Finn–Art of Huckleberry Finn.
25 min, Color, 1965 . . . . $10.00
Clifton Fadiman deals with the novel as a work of literary art. A discussion of the novel's language and style turns on Twain's unique exploitation of the vernacular; a new thing in its time. Fadiman uses excellent dramatizations from the novel to emphasize the recurrent motif of *Reality vs. Appearance*. He identifies three unifying threads in the novel: the idea of a central point of view, the theme of the book, and the development of two major symbols–the river and the shore. Re-enactments on and along the Mississippi retain all the flavor of river life in the early nineteenth century. Discussions of the novel's form and its language, or style, develop understanding of the elements which bind the book together. (EBEC) sh, c
ART; AMERICAN LITERATURE

Humanities Series: Huckleberry Finn–What Does Huckleberry Finn Say?
27 min, Color, 1965 . . . . $13.00
Clifton Fadiman takes the intellectual content of the novel as a whole. He points out that *Huckleberry Finn* can be viewed from three angles: as an adventure story, as the picture of a world, and as a drama of moral conflict. Scenes depicting the relationships between Huck and Jim, Huck and Pap, and Huck and the Grangerford and Shepherdson families delineate the basic structure of the novel and help place it in proper perspective for the student. (EBF) sh, c
AMERICAN LITERATURE; DRAMA

Humanities Series: Humanities–What They are and What They Do.
28 min, Color, 1960 . . . . $13.00
Clifton Fadiman states, "Man's ideas and feelings about life, recorded in certain definite ways make up the Humanities . . . Another way to describe the Humanities is to say that they deal with matters that never go out of style . . . basic questions, basic answers, basic ideas and basic feelings." Using examples of literature, photography, and music, Mr. Fadiman introduces the Humanities and their relevance to the individual. (EBF; Mass. Council for the Humanities) sh, c
HISTORY, UNIVERSAL; LITERATURE–HISTORY AND CRITICISM; SOCIOLOGY

Humanities Series: John Keats: Poet.
29 min, Color, 1972 . . . . $13.00
Written by Archibald MacLeish, this film dramatizes the life of Keats from his early years in England until his death in Rome at the age of 26. (EBEC) sh, c
ENGLISH LITERATURE; LITERATURE; POETRY

Humanities Series: Lady, or the Tiger?
16 min, Color, 1970 . . . . $8.00
Frank Stockton's classic has been re-set in the space age while preserving all the whimsy and suspense of the original. (EBEC) jh, sh, c
AMERICAN LITERATURE; STORIES, AUTHORS, AMERICAN

Humanities Series: Lottery.
18 min, Color, 1970 . . . . $10.00
Based on Shirley Jackson's story, this film can be used in a host of ways: before reading the story; or, without the story, to spark any discussion about society and the individual. (EBEC) jh, sh, c
AMERICAN LITERATURE; STORIES; AUTHORS, AMERICAN

Humanities Series: Meaning in Modern Painting, Part I.
23 min, Color, 1967 . . . . $10.00
The world of modern painting is explored through the works of Klee, Picasso, Dali, Miro, Pollock and Chagall. Each artist presents his own meaning of painting. (EBEC) sh, c, a
ART, MODERN; ARTISTS

Humanities Series: Meaning in Modern Painting, Part II.
17 min, Color, 1967 . . . . $8.00
To answer the question, Is modern painting without meaning? the film analyzes works of modern artists and old masters. Modern art is defined as visual reality translated into visual distraction. (EBEC) sh, c, a
ART, MODERN; ARTISTS

Humanities Series: Medieval Mind.
26 min, Color, 1970 . . . . $13.00
Portrays the traits of the medieval mind as reflected in the architecture, the inventions, the records of that time. (EBEC) sh, c
EUROPE–HISTORY: 476-1492

Humanities Series: My Old Man.
27 min, Color, 1970 . . . . $13.00
Produced in Paris, this film captures the strong and piquant appeal of Ernest Hemingway's remarkable short story. Students will identify with Joe Butler and his conflict between accepting reality and preserving his illusions. (EBEC) jh, sh, c
AUTHORS, AMERICAN; AMERICAN LITERATURE; STORIES

Humanities Series: Novel–Early Victorian England and Charles Dickens.
30 min, Color, 1960 . . . . $13.00
Clifton Fadiman examines Victorian England with its startling contrasts of morality and hypocrisy, splendor and squalor, prosperity and poverty. (EBF) sh, c
ENGLISH LITERATURE; LITERATURE

Humanities Series: Novel–What it is, What it's About, What it Does.
20 min, Color, 1960 . . . . $13.00
With the aid of actors from the Old Vic Company, Clifton Fadiman explains motivation, characterization, style, and the establishment of mood through description. (EBF) sh, c
ENGLISH LITERATURE; LITERATURE–HISTORY AND CRITICISM

Humanities Series, Odyssey–Central Themes.
28 min, Color, 1960 . . . . $13.00
Illustrates that the three diverging themes pervading the Odyssey are based on a central moral truth: that heroism demands both bravery and brains. (EBEC) sh, c
DRAMA–TECHNIQUE; GREECE; LITERATURE

Humanities Series: Odyssey–Return of Odysseus.
26 min, Color, 1965 . . . . $13.00
This film focuses upon Odysseus' activities after his return to Ithaca and the manner in which these actions slowly reveal his true character. (EBEC) sh, c
GREECE; LITERATURE

Humanities Series: Odyssey–Structure of the Epic.
27 min, Color, 1960 . . . . $13.00
Gilbert Highet unravels the poem's three interlocking tales: first, Odysseus' escape from the lonely island and return to Ithaca; second, the story of Telemachus' growth to manhood; and third, a long flashback which recounts Odysseus' adventures. (EBEC) sh, c
DRAMA–TECHNIQUE; GREECE

Humanities Series: Oedipus Rex–The Age of Sophocles.
28 min, Color, 1960 . . . . $13.00
Bernard Knox introduces the Ancient Greeks, their way of life and how they answered some of the basic questions of their world. He also discusses the origins and customs of Greek theatre and the story of Oedipus. (EBF) sh, c
DRAMA–TECHNIQUE; GREECE; LITERATURE

Humanities Series: Plato's Apology (The Life and Teachings of Socrates).
28 min, Color, 1960 . . . . $13.00
Mortimer Adler, with the aid of dramatized excerpts from the Dialogues of Plato, expounds the philosophy of Socrates. (EBF) sh, c
DRAMA–TECHNIQUE; GREECE; LITERATURE

Humanities Series: Recovery of Oedipus.
30 min, Color, 1960 . . . . $13.00
Man's existence is seen as somewhere between God and beast, always searching for his rightful place. Real knowledge of life through the painful search for truth is revealed in this lesson. (EBEC) sh, c
LITERATURE

Humanities Series: Shaw vs. Shakespeare, Part I–Character of Caesar.
33 min, Color, 1970 . . . . $13.00
George Bernard Shaw, played by Donald Moffatt, analyzes Shakespeare's characterization of Julius Caesar and compares it with his own treatment. (EBEC) sh, c
DRAMA; SHAKESPEARE

Humanities Series: Shaw vs. Shakespeare, Part II–Tragedy of Julius Caesar.
35 min, Color, 1970 . . . . $13.00
Shakespeare's masterpiece is presented as a tragedy of "political idealism." (EBEC) sh, c
DRAMA; SHAKESPEARE

Humanities Series: Shaw vs. Shakespeare, Part III–Caesar and Cleopatra.
33 min, Color, 1970 . . . . $13.00
There are four political murders in Shaw's play and Caesar's reactions to them are crucial. Shaw asks, "Must we go on in the name of 'justice' and 'peace' and 'honor'–with crime, begetting crime, murder begetting murder, and war begetting war?" (EBEC) sh, c
DRAMA; SHAKESPEARE

Humanities Series: Theatre–One of the Humanities.
28 min, Color, 1960 . . . . $13.00
The three main elements of any play and their interrelationship are considered: the play itself, the actors, and the audience. (EFB) sh, c
DRAMA; ENGLISH LITERATURE

Humanities Series: Theatre: Our Town and Ourselves.
30 min, Color, 1960 . . . . $13.00
Mr. Fadiman brings the viewer into direct confrontation with Mr. Wilder's theme, and the devices he employs to develop it. Mr. Wilder wants the theatre-goer to be aware of life, to reconcile himself to it, to experience the tribulations of life and the near exhilaration once one has made the necessary adjustment. (EBEC) sh, c
LITERATURE; AMERICAN LITERATURE; DRAMA

Humanities Series: Theatre–Our Town and Our Universe.
28 min, Color, 1960 . . . . $13.00
The basic story of "Our Town" and its unusual conventions are introduced. Clifton Fadiman also analyzes the play as a commentary on "the contrast between each tiny moment of our lives and the vast stretches of time and place in which each individual plays his role." (EBEC) sh, c
AMERICAN LITERATURE; DRAMA; ART

Humanities Series: Walt Whitman–Poet for a New Age.
29 min, Color, 1971 . . . . $13.00
The film reveals the "cosmic consciousness" of Whitman: his strong belief in democracy; the oneness and sacredness of all living things, and the mystical truths of life and death; his distaste for war, and his concern for the primacy of personality and love. (EBEC) sh, c
AUTHORS, AMERICAN; POETRY

Hunger in America.
54 min, B&W, 1968 . . . . $9.50
54 min, Color, 1968 . . . . $19.00
Presents a study of various groups of people among the ten million Americans who go hungry every day. Blends interviews with experts and victims, views of poverty tracts, statistics, assessment of current governmental policies and practices and presents possible solutions. (CBS; Carousel) jh, sh, c, a
POVERTY; SOCIAL PROBLEMS

Hunter and the Forest.
8 min, B&W, 1955 . . . . $3.00
(A Story Without Words) Sweden's honored cinematographer, Arne Sucksdorff, has created this imaginative film which tells its story entirely through pictures, natural sounds, and an original music score. This film will provide an exciting stimulus for

creative writing in elementary grades and in high school. (EFB) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; STORIES

Hunters.
73 min, Color, 1958 . . . . $20.00
Documentary on the primitive culture of the Bushmen of Southwest Africa and the Bechuanaland Protectorate, near the Kalahari Desert. Gives deep insight into their lives, especially the importance of hunting. Follows the hunters in a 13-day pursuit of a giraffe. (Flaherty Award) (Peabody Museum; Contemporary) sh, c, a
ANTHROPOGEOGRAPHY–AFRICA; ANTHROPOLOGY

Hydrogen Atom–As Viewed By Quantum Mechanics (Standard Version).
13 min, Color, 1955 . . . . $7.00
This film presents a description of the atom that is in accord with quantum mechanics. This description explains the energy levels and line spectrum of the hydrogen atom and furnishes the basis of contemporary theory of chemical bonding. The electron position in the atom is considered in terms of probability, and the meaning of Is orbital is clarified with a digital computer plot, two analogies, and animation. (Chem Study Films; MLA) sh, c
CHEMISTRY

I

I.O.U. $315,000,000,000.
60 min, Color, 1966 . . . . $20.00
Covers an examination in depth of the growth of consumer credit and indebtedness in the United States where 190 million people owe an estimated 315 billion dollars, and explores whether or not Americans are over-extending themselves financially. (CBS) sh, c, a
CONSUMER EDUCATION; MONEY

I am a Guitar.
9 min, Color, 1973 . . . . $6.00
Introduces the art of guitar-making and the sounds of the guitar.(IFB) jh, sh
ARTS AND CRAFTS; MUSICAL INSTRUMENTS

I am Also a You.
13 min, Color, 1970 . . . . $7.00
Universal statements of truth are interpreted through the eyes of today to show where we are, where we may be headed, and where we could go. (Bruce Kerner; Pyramid Films) sh, c, a
PHILOSOPHY

I am Pablo Neruda.
28 min, B&W, 1967 . . . . $6.50
Offers an insight into Latin America's temperament through the life and writings of contemporary South American poet Pablo Neruda. (Harold Mantell; Contemporary) sh, c, a
SOUTH AMERICA

I Just Don't Dig Him.
12 min, Color, 1970 . . . . $7.00
Dramatizes the problem of communication between father and son. When fourteen-year-old Ken comes home very late one night, he and his worried father have an argument. The events of the following day subtly suggest how father and son can learn to accept each other as individuals with strengths and weaknesses. (Conn. State Dept. of Mental Health; IFB) jh, sh, c
GUIDANCE, PERSONAL

I Know an Old Lady Who Swallowed a Fly.
6 min, Color, 1966 . . . . $6.00
An animated form of the folk song entitled "I Know an Old Lady Who Swallowed a Fly" sung by Burl Ives. (NFBC; IFB) el
CHILDREN'S FILMS; FOLK MUSIC

I Like Clouds.
7 min, Color, 1973 . . . . $6.00
Utilizes verse narration to stimulate an awareness and appreciation of clouds. (AIMS) el
CHILDREN'S FILMS

I Like the Desert.
11 min, Color, 1973 . . . . $7.00
Utilizes verse narration to stimulate an awareness and appreciation of the desert. (AIMS) el
CHILDREN'S FILMS

I Like Trees.
9 min, Color, 1970 . . . . $6.00
Utilizes verse narration to stimulate an awareness and appreciation of trees. (AIMS) el
CHILDREN'S FILMS

I Like Water.
8 min, Color, 1970 . . . . $6.00
Utilizes verse narration to stimulate an awareness and appreciation of water. (AIMS) el
CHILDREN'S FILMS

I Owe You Nothing.
10 min, Color, 1970 . . . . $7.00
What do children owe their parents, and vice-versa? How does money enter in? How can they agree on what is fair? (Churchill) jh, sh, c, a
GUIDANCE, PERSONAL

I Wonder Why.
5 min, B&W, 1965 . . . . $3.00
Based on the book by Shirley Burden, the film is a photographic essay in which the love of life is visually presented with the narration. The thoughts of a young Negro girl who likes all the things other people like and wonders why "people don't like me." (Award Winner) (Rosenthal; Contemporary) el, jh, sh, c, a
SOCIAL CONDITIONS; SOCIAL PROBLEMS

Ice People.
23 min, Color, 1970 . . . . $10.00
Over 10,000 years ago man moved into the hostile Arctic environment. He developed strong family ties, shared land and game, and abhorred aggression. For today's world these Eskimos must find a new life style.(NBC) jh, sh, c, a
ANTHROPOLOGY; ESKIMOS

Iceland: How Clear the Hot Springs Bubble.
13 min, Color, 1970 . . . . $7.00
This film explains the natural resources of thermal energy in Iceland. It points out the geological distinction between high thermal areas with solfataras and low thermal areas with geysers and wells of hot water. The activity of these natural phenomena are shown. The film also depicts how mineral water and thermal energy have been used for baths, heating of dwellings and greenhouses where fruits, flowers and vegetables are grown. (Osvaldur-Knutsen; IBF) jh, sh, c
GEOLOGY; NATURAL RESOURCES

Ici on Parle Francais.
21 min, Color, 1961 . . . . $10.00
Comments on Quebec City and the surrounding countryside in simple French with slow pacing, simple constructions, and high frequency vocabulary. (IFB) sh
FRENCH LANGUAGE

Idea of Numbers: Introduction to Number Systems.
14 min, Color, 1961 . . . . $8.00
Explains the development of number systems. Looks at the earliest number concepts, the decimal system and the binary system which is now used in computers. Discusses the concepts involved in the binary system. (IFB) sh, c
MATHEMATICS

Idea of the City: History, Economics, Future.
28 min, Color, 1968 . . . . $13.00
Tracing the historical transition from the pre-industrial to the industrial city, Professor John Kenneth Galbraith explores the nature and the consequence of commitment to "economic efficiency" and its measurement by financial return to private owners. The forces already reshaping our cities are diagnosed, and a new, organic conception of the modern city is developed. (Univ. at Large) c, a
CITY PLANNING; SOCIOLOGY

Image of the City
16 min, Color, 1971 . . . . $17.00
How can urban problems such as ethnic housing patterns and crowd estimations be measured through photography-related techniques? Film portrays use of multi-band cameras, radar images, computer-generated graphics, satellite observations and thermograms. (EAMES; EBEC) jh, sh, c
CITY PLANNING; FUTURE STUDIES; SOCIOLOGY

Immigration in America's History.
11 min, B&W, 1960 . . . . $3.50
The major waves of immigration to the United States, from the early seventeenth century to the present, are examined in their historic, economic, and sociological contexts. Dramatic re-enactments show causes of immigration, occupational and settling patterns, and contributions of each group to the growth and development of America. (Coronet) jh, sh
HUMAN RELATIONS

Immunization.
11 min, B&W, 1956 . . . . $3.50
Combines animation and live photography to show external symptoms of disease and how they affect the bloodstream. The film shows how immunity is achieved, either by surviving a disease, which usually provides active immunity, or by vaccination which, by providing passive immunity, is equally effective, without endangering life. The preparation of vaccines for such diseases as smallpox, pneumonia and diphtheria is shown step-by-step in the film, with demonstration of the use of each of the vaccines. (EBF) el, jh, sh, c
HYGIENE; PUBLIC HEALTH

Importance of Goals.
19 min, B&W, 1950 . . . . $5.00
In following the case of 13-year-old Tommy, this film explores the principle that all education is essentially a process of attaining basic, meaningful goals. (McGraw-Hill) c, a
EDUCATIONAL PSYCHOLOGY

Importance of Making Notes.
10 min, B&W, 1951 . . . . $3.50
This motion picture presents the important skills of good note-taking. Through it, audiences will learn how good notes are taken in oral instruction periods and during reading. They will see how to find the key ideas for notes, what sorts of materials should be taken down verbatim and when notes should not be taken at all. (Coronet) jh, sh
STUDY SKILLS

Importance of Selling.
20 min, B&W, 1952 . . . . $5.00
The role of selling in modern business organizations is shown in this film which gives particular emphasis to services provided by salesmen to business, and to the consumer. The film describes the structure of typical sales organizations, shows the duties of sales executives, and illustrates the importance of selling to our society. (EBF) sh, c
ECONOMICS

Impressionism and Neo-Impressionism.
22 min, Color, 1971 . . . . $10.00
Traces the history of modern painting through the works of Constable, Turner, Delacroix, Corot, Rousseau and others to the first impressionist, Manet. (Les Films Du Cypres; IFB) sh, c
ART, MODERN

Impressionists.
18 min, Color, 1968 . . . . $10.00
Discusses variations and similarities inherent in the work of the late nineteenth century impressionists. (IFB) sh, c
ART, MODERN

Improve Your Punctuation.
11 min, B&W, 1959 . . . . $3.50
A high school teacher and class work together on punctuation trouble spots, covering the chief uses of the comma, the semicolon, the colon, the question mark and the quotation mark. Illustrations show punctuation as a means of clarifying written communication. (Coronet) jh, sh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

In a Class . . . All By Himself.
50 min, Color, 1972 . . . . $19.00
One child in twenty in the United States is affected by minimal brain dysfunction. These children are hyperactive and have visual and audio perception problems. This documentary focuses on the ways that hyperkinetic children can be helped so that they may become self-sufficient adults. (NBC) c, a
CHILD STUDY; PSYCHOLOGY

In a Spring Garden.
6 min, Color, 1968 . . . . $6.00
Follows a day of spring from the red morning to the glowing goodnight of a firefly. Story based on Japanese Haiku. (Weston Woods) el, jh, sh, c
JAPAN; POETRY

In Defense of Rome: Part I–Organization and Empire.
20 min, B&W, 1965 . . . . $5.00
Classical scholar Moses Hadas, and political analyst Eric Sevareid, describe the legacy of Rome. At the site of the Roman Forum, they discuss the culture of ancient Rome. (CBS; McGraw-Hill) jh, sh, c, a
EUROPE–HISTORY TO 476; HISTORY

In Defense of Rome: Part II–Roman Law.
18 min, B&W, 1965 . . . . $5.00
Moses Hadas and Eric Sevareid at the site of the Roman Forum discuss Roman Law. (CBS; McGraw-Hill) jh, sh, c, a
HISTORY; LAW

In Defense of Rome: Part III–The Roman Spirit.
16 min, B&W, 1965 . . . . $4.00
Moses Hadas and Eric Sevareid at the site of the Roman Forum discuss the philosophy and spirit of ancient Rome. (CBS; McGraw-Hill) jh, sh, c, a
EUROPE–HISTORY TO 476; HISTORY

In Many Houses: Feelings.
13 min, Color, 1972 . . . . $7.00
This dramatization examines some of the feelings experienced by family members in a single day. The feelings presented can be used in a "mini case study" to inspire examination of familial relationships, activities, and emotional expression. (OECA, NBC) el
GUIDANCE, PERSONAL; HUMAN RELATIONS

In Many Houses: Sometimes.
13 min, Color, 1972 . . . . $7.00
Sometimes explores "key images" in the experiences of two children from distinctly different environments. Fear and security, a sense of loss through death, feelings of rejection, and happy times and activities are shown to be universal childhood experiences. (OECA, NBC) el
GUIDANCE, PERSONAL; HUMAN RELATIONS

In Many Houses: Together.
13 min, Color, 1972 . . . . $7.00
Whether a family experiences harmony or conflict, a family is a group of people who are together. The main purpose of this film is to examine, through children's comments, the concept of family roles. (OECA, NBC) el
GUIDANCE, PERSONAL; HUMAN RELATIONS

In Many Houses: Troubles.
13 min, Color, 1972 . . . . $7.00
Three boys from different families play in the park after school. They lose track of time and, after getting covered in mud, realize they are late for supper. From each family's differing reaction, the dynamics of varied family relationships are evident. (OECA, NBC) el
GUIDANCE, PERSONAL; HUMAN RELATIONS

In Search of Peace.
29 min, B&W, 1968 . . . . $3.50
Documents the long-range goals of U. S. Foreign Policy. Interviews Dean Rusk, Jeffrey Kitchen, George Ball, David Bell, Joseph Sisco, and Walter Rostow. Topics covered: communism and the free world, free world trade, foreign aid, and international cooperation. (Vision Assoc. Inc.; Dept. of State) sh, c, a
U.S.–FOREIGN RELATIONS

In Search of Space.
30 min, Color, 1969 . . . . $13.00
A story about three boys who lose their ball field in an apartment project and how this leads them to write a report called Doomsday 2000. The report analyzes our population problems, lack of recreational areas, and water and air pollution. After the boys have presented this report in class, they do another one, with the aid of their teacher, looking at the way small and often temporary plots of land are being used to make life more pleasant for children and adults. (NET) el, jh
POLLUTION

In the Name of Allah
76 min, B&W, 1971 . . . . $10.00
The culture, vision, history, and scriptures of the religion of Islam are examined by looking closely at all aspects of life in the Muslim community of Fez, Morocco. The Koran as brought forth by Mohammed, is the guide to all human experience and value. But, like other religions, Islam is suffering contradictions in a modern material world. Captured on film are the events of circumcision, bargaining for a wife, confirmation, marriage, and the ceremonies and rituals surrounding each event. (NET) sh, c, a
RELIGION

Independent Study.
11 min, Color, 1970 . . . . $7.00
Designed to help students acquire productive study habits, and to motivate them by showing that their performance can be improved by applying an efficient technique. (Journal Films) jh, sh
STUDY SKILLS

India.
22 min, Color, 1960 . . . . $10.00
Depicts the various areas, tribes, castes, and religions of India. Shows the Himalaya Mountains and the Great Lowland plain into which flow the major rivers; Indus, Ganges, and Brahmaputra. Outlines very briefly several of the religions, the

caste system, and agricultural methods. Concludes with the importance of advanced education for her youth. (Gateway Productions; IFB) jh, sh

ANTHROPOGEOGRAPHY–FAR EAST; INDIA

India: Land and the People.

11 min, Color, 1958 . . . . $7.00

Surveys the geography and people of India. Includes the topography; the effects of the monsoon winds and the other climatic factors; India's ancient cultural heritage; the village life and primitive farm economy of India; the religious beliefs of the Hindus, the Mohammedans, and the Sikhs; typical cities such as Kanpur, an industrial city, Benares, a religious city, and New Delhi, the capital; and Mahatma Gandhi and his influence. Ends by pointing out some of the problems of the Indian nation. (Murl Deusing Film Productions; IFB) jh, sh

ANTHROPOGEOGRAPHY–FAR EAST; INDIA

India (Pakistan and the Union of India).

17 min, B&W, 1952 . . . . $4.00

Portrays the ways in which tradition, land, and climate have shaped the ways of life in India and Pakistan. Points out India's complex problems of overpopulation, religions, nationalities, and languages. Indicates the extent of education and industry, and sensitively portrays the character of the Indian peasant. (EBF) el, jh, sh

INDIA; PAKISTAN

Indian Artists of the Southwest.

14 min, Color, 1972 . . . . $8.00

In this film, three Pueblo Indian tribes, the Zuni, Hopi and Navajo introduce four of their major art forms: stone and silverwork, pottery making, weaving, and kachina carving. (EBEC) jh, sh

ART; INDIANS OF NORTH AMERICA

Indian Family of Long Ago (Buffalo Hunters of the Plains).

14 min, Color, 1957 . . . . $8.00

Accurately re-creates the life of Plains Indians in the Dakotas and adjoining territories two hundred years ago. (EBEC) el, jh

INDIANS OF NORTH AMERICA; U.S.–HISTORY: 1783-1900

India's History: British Colony to Independence.

10 min, B&W, 1955 . . . . $3.50

The centuries during which India's people strove for independence, and the creation of Pakistan and the Union of India are examined. The film also presents the influence of Mohandas Gandhi, the changing relations between India and Britain, and the problems confronting India's two great peoples–Hindus and Moslems. (Coronet) jh, sh, c

INDIA; PAKISTAN

India's History: Early Civilizations.

10 min, B&W, 1955 . . . . $3.50

Exploring the basic influences that shaped the beginnings of India's long and complex history, this survey recounts the early days of original inhabitants, of invasions, and of the rise of great leaders–Buddha, Chandragupta Maurya, and Asoka. The cultural contributions, notably Buddhism and Hinduism, made by successive peoples are seen to have their origins in early India. (Coronet) jh, sh, c

INDIA

India's History: Mogul Empire to European Colonization.

10 min, B&W, 1955 . . . . $3.50

Beginning with the rule of the Delhi Sultans in the thirteenth century, the film traces the subsequent growth of the powerful and enlightened empire of the Moguls, the decline of these rulers, the rise of European interest in India, and the conflict between Britain and France for control of Indian trade, culminating in the Battle of Plassey in 1760. (Coronet) jh, sh, c

INDIA

Induced Charges and their Measurement.

9 min, Color, 1970 . . . . $6.00

Illustrates the theory of induction by showing how induced electrostatic charges provide evidence for the existence of positive and negative charges and for charge mobility. Introduces the electroscope. (EBEC) sh, c

PHYSICS

Industrial Arts: Joining and Gluing.

14 min, B&W, 1959 . . . . $4.00

This film demonstrates and explains the various principles, procedures, and materials for joining and gluing wood together. Emphasis is given to the mortise and tenon and edge-to-edge joints. In addition, the film demonstrates and explains the procedure for application of glue and the use of clamping tools in gluing. (McGraw-Hill) c

INDUSTRIAL ARTS; WOODWORK

Industrial Arts: Knowing Woods and Their Uses.

14 min, B&W, 1959 . . . . $4.00

This film is designed to help the craftsman learn the classifications and characteristics of woods so that he can better select and order the wood he needs. It explains that wood may be plain-sawed, quarter-sawed, or prepared as plywood. In addition to the basic classifications into softwood and hardwood, lumber is further classified according to the extent to which it is processed and according to grade or quality. (McGraw-Hill) c

INDUSTRIAL ARTS; WOODWORK

Industrial Arts: Measuring and Squaring.

10 min, B&W, 1953 . . . . $3.50

This film is designed as a demonstration-type teaching film for woodworking classes. The first part of the film surveys the types of measuring and squaring tools commonly used in woodworking, pointing out the special function of each. The second part of the film carefully demonstrates and explains the step-by-step process of squaring a piece of stock to prescribed size. (McGraw-Hill) jh, sh

INDUSTRIAL ARTS; WOODWORK

Industrial Arts: Planes.

10 min, B&W, 1953 . . . . $3.50

Identifies common types of planes, and shows how each is used correctly. The jack plane is taken apart and its components identified. Shows how to adjust and handle the plane. (McGraw-Hill) jh, sh

INDUSTRIAL ARTS; WOODWORK

Industrial Arts: Using Nails and Screws.

10 min, B&W, 1953 . . . . $3.50

Identifies and demonstrates common types of nails, their selection and use, and selection and use of the proper hammer. Also identifies common types of screws, methods of drilling, selection and use of screwdrivers. (McGraw-Hill) jh, sh

INDUSTRIAL ARTS; WOODWORK

Industrial Arts: Wood Finishing.

13 min, B&W, 1956 . . . . $3.50

This film demonstrates and explains the principles and procedures for finishing furniture and other articles made of wood. The major procedures and materials discussed in the film are: preparing the surface to be finished, use of paints, stains, fillers, shellac, lacquers, varnish, rub-on finishes, and the final waxing. (McGraw-Hill) jh, sh

INDUSTRIAL ARTS; WOODWORK

Industrial Revolution: Beginnings in the United States.

23 min, Color, 1968 . . . . $10.00

The film traces the explosive growth of the Industrial Revolution in the U.S.–beginning with a thread mill built in 1791, followed by the first modern factory in history. The film also shows the parallel development of transportation. (EBEC) jh, sh

ECONOMICS; FACTORY SYSTEM; U.S.–HISTORY

Industrial Revolution in England.

25 min, B&W, 1960 . . . . $5.00

The film takes us back to a primarily rural England that nevertheless was a major producer of woolen goods for the world's markets. But most manufacturing was carried on in the home and this film points out that England of that day was transformed by three inventions: the spinning jenny, the power loom, and the steam engine. With the development and improvement of these machines, the Industrial Revolution was an accomplished fact, bringing in its wake great material benefits and great problems. The film documents the changes in England in the 19th century as it became the Workshop of the World. (EBF) el, jh, sh, c

ENGLAND; FACTORY SYSTEM; POLITICAL SCIENCE

Industrial Worker.

17 min, Color, 1970 . . . . $8.00

The day-to-day routine of two industrial workers–on the job and at home–is typical of the millions of industrial workers who make up more than half the labor force in America. The film focuses on their problems and fear of automation. (EBEC) jh

INDUSTRIAL RELATIONS; LABOR AND LABORING CLASSES

Infant To School Age Child–Unilateral Below-Elbow Amputee.

10 min, B&W, 1964 . . . . $3.50

Presents the various stages in the motor-kinetic development of the child and relates them to the specific times at which the child amputee is ready for initial prosthetic fitting as well as for increasingly complex devices. As skills and physical activities

develop in response to demands of daily living, devices are provided which are appropriate to the level of function. The cooperation of the parents in the teaching process is stressed. (UCLA; UCLA Medical Center) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); INFANTS (FROM BIRTH TO TWO YEARS OF AGE); MEDICINE

Infinity.
17 min, Color, 1972 . . . . $8.00
Explains by using the animated character George Cantor that infinite sets can be studied, measured and compared through sound mathematics. (AIMS) jh, sh, c
MATHEMATICS

Information Machine.
10 min, Color, 1972 . . . . $17.00
This film places the computer in historical perspective, showing it to be the culmination of the abstractions and measuring tools that man has been developing since primitive times. (EAMES; EBEC) jh, sh, c
ELECTRONIC COMPUTERS; FUTURE STUDIES

Inheritance.
60 min, B&W, 1964 . . . . $10.00
Opens with the flood of immigrants that poured through Ellis Island in early 1900's. Explores the dim sweatshops of the Lower East Side, coal mines and weaving mills filled with children not yet in their teens, the battlefields of World War I, the era of the tin lizzie, the anxious years of the Depression, the Roosevelt years, World War II, and the present-day fight for civil rights. (Winner of several Film Festival awards) (Amalgamated Workers of America; Contemporary Films) sh, c, a
INDUSTRIAL RELATIONS; LABOR AND LABORING CLASSES

Insect Metamorphosis.
15 min, Color, 1966 . . . . $8.00
Explains metamorphosis and shows various types that familiar insects experience as they grow to adulthood. (Winner of six film festival awards.) (Norman Bean; BFA) el, jh, sh
BIOLOGY; INSECTS AND SPIDERS

Insects.
11 min, Color, 1955 . . . . $7.00
Identifies the principal characteristics of insect groups represented by butterflies, wasps, beetles, flies, and grasshoppers, and points up differences between true insects and their near relatives. Reveals life cycles, feeding habits, and protective coloring of a variety of insects. Tells how to encourage beneficial insects and combat pests. (EBF) jh, sh, c
INSECTS AND SPIDERS

Insects are Interesting.
11 min, Color, 1953 . . . . $7.00
Presents the life histories of a number of insects. Shows how insects adapt to their environment, including their use of compound eyes and breathing tubes. Illustrates in detail the metamorphosis of the locust, the moth, and the butterfly. Stresses the importance of insects to man. (Murl Deusing Film Products; IFB) jh, sh
BIOLOGY; INSECTS AND SPIDERS

Insects Astray.
26 min, B&W, 1955 . . . . $3.50
This film, made in Switzerland, but with a new American commentary added, tells the story of mothproofing woolen textiles by the colorless dye method. Included are excellent close-ups of insects. This film won the First Prize in 1955 as awarded by the Swiss Documentary Film Foundation. (Geigy Chemical Corporation) jh, sh, c, a
INSECTS AND SPIDERS; CLOTHING AND DRESS; TEXTILE INDUSTRY & FABRICS

Inside Red China.
51 min, Color, 1966 . . . . $19.00
Examines the daily life of the Chinese people under Communism particularly that segment which lives and works within the geographic triangle formed by Peking, Wohan and the metropolis of Shanghai. Shows life on a farm commune, the interior of a bourgeois home, a steel mill, and the methods by which school children are politically indoctrinated and the activities of the Red Guards. Commentary by Hans Konigsberger, Robert Guillan, and Dr. Han Suyin–all recent visitors to China. (American Film Festival Winner 1967.) (CBS; Carousel Films) sh, c, a
CHINA; COMMUNISM

Insiders.
22 min, Color, 1970 . . . . $10.00
Life inside a prison is pictured by a convict filmmaker. Mentally, convicts live either in the past or the future. Lonely and bored, conversations center around drugs, sex, and plans to escape–or to commit another crime. (NBC) sh, c, a
CRIME AND CRIMINALS; SOCIAL PROBLEMS

Insomnia.
17 min, Color, 1972 . . . . $8.00
Pierre Etaix, who began his professional career as a circus clown, combines the grace of the classical mime with the boisterous fun of silent film comedy. Using minimal dialog and sound effects, Etaix displays a unique and rich comic imagination. In INSOMNIA, he plays an insomniac who tries to read himself to sleep but makes the mistake of picking up a chilling vampire tale. (IFB) sh, c, a
ALLEGORY

Instructional Development.
17 min, B&W, 1971 . . . . $4.00
Instructional development is a systematic approach to instruction based on decisions about the learner, learning, evaluation and the learning environment. (Indiana University) sh, c, a
EDUCATION–METHODS

Instruments of Astronomy.
12 min, Color, 1961 . . . . $7.00
Some of the instruments man has used in astronomy–the armillary sphere, quadrant, sextant and modern observatory telescopes. (Robert Edmunds; IFB) jh, sh
ASTRONOMY

Instruments of the Orchestra.
20 min, B&W, 1947 . . . . $5.00
A brilliant analysis, instrument by instrument, of the composition of a symphony orchestra. Sir Malcolm Sargent, famed British conductor, introduces, conducts and comments on a performance of Benjamin Britten's Variations and Fugue on a Theme by Purcell, especially written for this film. This is the first film to be directed by a conductor–Muir Mathieson, permanent conductor of the London Symphony Orchestra. (BIS) jh, sh, c
MUSICAL INSTRUMENTS

Integrated Forest Management.
22 min, Color, 1959 . . . . $3.50
This film shows numerous examples of wise forest management, and stresses the need for integrating grass productivity, cattle raising, watershed development, wildlife, and recreation with lumbering processes. (Pilot Rock Lumber Company) jh, sh, c, a
FORESTS AND FORESTRY; NATURAL RESOURCES; U.S.–INDUSTRIES

Intention to Take: The Infancy of Objective Capture.
14 min, B&W, 1972 . . . . $4.00
This film depicts early human growth and the nature of early human skill. It shows how the child constructs appropriate actions into a sequence to achieve an objective–the lifting of the arms, clenching of the fist, etc. (John Wiley and Sons, Inc.) sh, c, a
CHILD STUDY; PSYCHOLOGY

Intern: A Long Year.
20 min, Color, 1972 . . . . $10.00
The film is a candid look at a dedicated intern whose ninety-hour work weeks are not long enough for her many responsibilities. Dr. Mack's patients are society's dispossessed: the homeless, the jobless, people suffering from malnutrition as well as from cancer, heart disease, alcoholism. (EBEC) jh, sh, c
MEDICINE

Interpretations.
13 min, Color, 1970 . . . . $7.00
Shows that three painters inspired by the same subject matter may interpret it in several different yet equally valid ways. (Film Polski; EBEC) jh, sh, c, a
ART; PAINTING AND PAINTINGS; ART–STUDY AND TEACHING

Introducing Chemistry: Formulas and Equations.
11 min, B&W, 1966 . . . . $3.50
This is the first of three films for a beginning unit in chemistry. It explains and demonstrates the basic language of chemistry, the symbols used in formulas and equations. Acids, bases and salts are defined in terms of their formulas. Basic terms encountered include compound, gas, precipitate and radical as well as the concepts of structural formulas and "balanced" equations. (Coronet) jh
CHEMISTRY

Introducing Shapes, Lines and Angles.
11 min, Color, 1966 .... $7.00
From the circle, triangle, rectangle, and square we learn basic geometric definitions. (Coronet) el
GEOMETRY; MATHEMATICS

Introduction to Animal Dissection.
11 min, Color, 1963 .... $7.00
Presents an overview of the place of animal dissection in the study of biology and the instruments, specimens, and techniques most frequently used. (Carl J. Ross; IFB) sh, c
BIOLOGY–LABORATORY TECHNIQUES

Introduction to Biology.
13 min, B&W, 1955 .... $3.50
Provides an overview of biology for prospective students and beginners. Emphasizes the significance of biology as a means of understanding ourselves and becoming better acquainted with our biological environment. Describes life processes and depicts ways in which biology is applied to such problems as combatting disease and controlling insect pests. (EBF) sh
BIOLOGY

Introduction to Feedback.
11 min, Color, 1960 .... $17.00
The film illustrates a wide range of activities, both human and mechanical, that define and describe the feedback process and its important component–oscillation. (EAMES; EBEC) jh, sh, c
COMMUNICATION; ENGINEERING; SCIENCE, GENERAL

Introduction to Holography.
17 min, Color, 1972 .... $8.00
Through a progression of optical demonstrations and laboratory experiments rarely possible in the classroom, the film identifies and demonstrates the principle of holography. (EBEC) sh, c
ELECTRONICS; FUTURE STUDIES; SCIENCE, GENERAL

Introduction to Lasers.
17 min, Color, 1972 .... $8.00
The amazing laser–its development, its structure, and its uses–is examined in conversation with three prominent scientists responsible for its discovery. Their explanations are illustrated by graphic laboratory demonstrations and animated sequences. (EBEC) sh, c
ELECTRONICS; FUTURE STUDIES; SCIENCE, GENERAL

Introduction to Reaction Kinetics.
13 min, Color, 1960 .... $7.00
Contents of this film include: the reaction between hydrogen and chlorine; energy in chemical reactions; reactions between hydrogen and iodine; chemical equilibrium between (1) hydrogen and iodine, and (2) hydrogen and chlorine; and a portrayal of factors affecting the rates of chemical reaction: concentration, temperature, and catalysts. (Sutherland Educations Films, Inc.) c
CHEMISTRY

Introduction to the Arabian Horse.
25 min, Color, 1963 .... $3.50
This film describes the characteristics with emphasis on the virtues of the Arabian horse for many uses including pleasure, showing, racing, and working. (Arabian Horse Association) jh, sh, a
ANIMALS, DOMESTIC

Introduction to the Cathode-Ray Oscilloscope.
11 min, Color, 1971 .... $7.00
The film introduces the versatile oscilloscope by demonstrating the development of the cathode-ray tube. Further demonstrations indicate how the oscilloscope can function as a volt-meter, a clock, and a graph plotter. The film also explores the principles of transducers. (EBEC) sh, c
ELECTRONICS; SCIENCE, GENERAL

Introduction to the Stanford-Binet Test of Intelligence.
22 min, Color, 1961 .... $10.00
Demonstrates the composition of this widely-used instrument for the measurement of intelligence, its administration, interpretation, and use. Gives concrete illustrations of the testing process, of students who can be better understood as a result of this testing, and of cooperative follow-up efforts. Introduces technical measurement concepts which are necessary to an understanding of the values and limitations of such testing. (Calvin Prod.; IFB) c
PSYCHOLOGY

Inversion.
12 min, Color, 1971 .... $7.00
Inversion (transformation by reciprocal radii) is introduced and discussed to effect the solution of an apparently difficult problem involving two circles and a chain of circles, which touch both of the given circles. The result is Steiner's Porism. (NSF; IFB) sh, c
GEOMETRY; MATHEMATICS

Investigating Hibernation: The Golden-Mantled Ground Squirrel.
14 min, Color, 1972 .... $8.00
Offspring of captured Golden-Mantled Ground Squirrels are raised under controlled laboratory conditions. As autumn approaches the young squirrels go into hibernations though never exposed to their natural environment or colder temperatures. (EBEC) jh, sh
ANIMALS–HABITS AND BEHAVIOR

Involuntary Control.
21 min, Color, 1971 .... $10.00
Film presents a new area of psychological research which deals with the organism's control of its involuntary behavior. (John Wiley and Sons, Inc.) c, a
FUTURE STUDIES, PSYCHOLOGY

Ion Removal by Metathesis.
5 min, Color, 1971 .... $6.00
Demonstrates ion removal by metathesis. Repeats the key steps of the demonstration for students to analyze and explain. (EBEC) sh, c
CHEMISTRY

Ionization.
19 min, B&W, 1959 .... $5.00
The film discusses the early work of Faraday and Arrhenius and identifies their contributions to an understanding of the conductivity of solutions and the nation of ions. The film includes a demonstration in which hydrogen chloride gas is dissolved in water to show how ions form. With the aid of animation, the student learns the meaning of such important terms as electrolytes, dissociation, electrovalence and covalence. Also illustrated are the scientific applications in electroplating, Thyratron tubes, and Geiger counters. (Coronet) sh, c
ACIDS; CHEMISTRY; PHYSICS

Ionization Energy.
22 min, Color, 1963 .... $10.00
The film presents two methods of measuring ionization energy: photoionization and electron bombardment. A high vacuum system is used with a simple conductivity cell. The photoionization of sodium by the use of a mercury light source and monochromator is carried out. The electron bombardment method is then demonstrated with sodium and three inert gases. Animation shows what occurs on the atomic level during the ionization process. Relation of ionization energy to chemical reactivity is explained. (Chem Study Films) sh, c
CHEMISTRY, INORGANIC

Ireland.
20 min, Color, 1966 .... $10.00
Emphasizes the varying physical characteristics of Ireland and their influence on its people and economy. (Boulton-Hawker Films; IFB) jh, sh, c
ANTHROPOGEOGRAPHY–EUROPE; IRELAND

Irish Boy: Story of Sean (2nd Edition).
15 min, Color, 1972 .... $8.00
Introduces the geography and life styles of Ireland in a story about Sean O'Connor and his family. Scenes show work and play activities on the family's dairy farm. Contrasted with the rural countryside are the historic city of Dublin and the airport-industrial city of Shannon, where an older brother, Kevin, goes in search of a job. (EBEC) el
ANTHROPOGEOGRAPHY–EUROPE; IRELAND

Is There Communication When You Speak?
17 min, B&W, 1959 .... $4.00
Through the experiences of a young speech student and his friends in a college speech class, this film shows the process of getting an idea from speaker to audience. It makes clear how a speaker's voice, pronunciation, articulation, language, movements and visual materials advance his idea. Demonstrates the audience response which comes back to a speaker when communication takes place. (McGraw-Hill) sh, c, a
COMMUNICATION: SPEECH

Is This Love?
14 min, B&W, 1960 .... $4.00
The film contrasts the romances of two college roommates. One girl, impulsive and emotional is resentful of any persuasion to delay her marriage. The other girl hesitates to consider marriage

until she has solid proof of her love through successive stages of dating, courtship, going steady, and engagement. The film ends with open questions leading to evaluation of the two romances and of their respective chances for success in marriage. (McGraw-Hill) sh, c
MARRIAGE

Island Called Ellis.
53 min, Color, 1967 . . . . $19.00
Presents the history of the immigration movement in the decade prior to World War I. Rare archive films show the impact of Ellis Island on the newly-arrived people. The viewer is made aware of the problems faced by the immigrants and their reasons for coming to this country. (NBC-Project 20; McGraw-Hill) jh, sh, c, a
SOCIAL CONDITIONS; U.S.–HISTORY

Isometries.
26 min, Color, 1971 . . . . $13.00
Live action and animation introduce the concept of isometry–a distance preserving transformation–in both a formal and an informal manner. The mathematician and film artist struggle to show basic theorems on plane isometries. The film climaxes with the theorem that produces a complete classification of plane isometries. (NSF; IFB) sh, c
GEOMETRY; MATHEMATICS

Israel.
30 min, Color, 1965 . . . . $13.00
This film presents the epic history of the Jewish people in three parts. By means of animation, part one portrays Jewish history from the time of the Patriarchs to the destruction of the Temple and the dispersion to the four ends of the earth. Part two shows documentary footage of the eventful years between 1900 and 1948. During this time the survivors of Nazi concentration camps finally returned to their spiritual homeland and began to build a nation. Part three shows present-day conditions. This contemporary analysis describes the progress and problems, the achievements and limitations which Israel has met so far. It provides insight into the Arab-Israeli conflict and Israel's potential contribution to the progress of the Middle East. (IFB) jh, sh, c, a
ISRAEL

Israeli Boy: Life on a Kibbutz.
17 min, Color, 1972 . . . . $8.00
Israeli society is viewed through the eyes of Nir, a young boy born and raised on a kibbutz. Shows why the kibbutz succeeds as a unique social, political and economic entity. (EBEC) el, jh
ISRAEL

Israelis.
36 min, Color, 1973 . . . . $13.00
In-depth documentary on the culture and people of Israel. Probes key elements of the Israeli psyche, such as, their fear of extermination and informal attitude towards the military. Depicts the conditions of Israel's Arab population who are full citizens allowed to vote, teach, and become representatives in the parliament. (CBS; Carousel) sh, c, a
ISRAEL

It Happens Every Noon.
14 min, Color, 1966 . . . . $3.50
Almost two-thirds of the millions of school children across the country do not participate in the National School Lunch Program. This film is intended to awaken their parents, and communities, to the awareness of the school lunch program and to take action to see that every child takes advantage of it by getting a daily, well-balanced, mid-day lunch. Cleared for T.V. use. (USDA) c, a
FOOD; PUBLIC HEALTH

Italy–Peninsula of Contrasts.
17 min, Color, 1952 . . . . $8.00
Depicts the physical geography of Italy and illustrates ways in which it influences the lives of the people. Contrasts old-fashioned and up-to-date methods of farming and transportation, portrays ancient and modern aspects of Italian cities, reveals the fertile and barren regions, and stresses importance of tourist trade. (EBF) el, jh, sh
ITALY

It's Nation Time.
21 min, B&W, 1970 . . . . $5.00
Blacks, including Imamu Amiri Baraku (playwright Leroi Jones), Julian Bond, Richard Hatcher, Rev. Jesse Jackson, and Minister Louis Farrakhan (spokesman for the Nation of Islam), speak on the themes of nationalism and Pan-Africanism at the Congress of African people in Atlanta, Georgia. The congress was conceived as a means to create unity, in order to establish the bases for a Black nation. Workshops on political liberation, creativity, education, and history take place. There are performances by the Challengers of Philadelphia, the Pharoah Sanders Quartet, and the Last Poets who do "Die Nigger Die." (NET) sh, c, a
AFRO-AMERICANS

J

J. T.
51 min, Color, 1969 . . . . $19.00
Portrays the self-insulated life of a boy in the hostile environment of Harlem. His indifference ends when he adopts an alley cat, but local bullies cause its death. Despite his loss, J.T. discovers human warmth and compassion as his family and friends console him. (Award winner) (CBS; Carousel) el, jh, sh, c, a
BLACK AMERICANS; SOCIAL PROBLEMS

Jabberwocky.
14 min, Color, 1974 . . . . $8.00
Presents a collage of unexpected, startling, jarring images in a surrealistic fashion. Trees sprout from the walls of a room, blossom and bear fruit riddled with worms. A man's portrait has a real tongue which spits blocks decorated with young girl's faces. A doll discharges from her stuffing little dolls that are ground, cooked and eaten by the big dolls at teatime. FILM AND TIME called this film a variety show growing out of the flow of ideas, whose freedom in no way lacks an inner meaning. This inner meaning is in such marked evidence and in such a degree of concreteness as only a child's vision can achieve, not being weighed down yet by conceptual and moral conventions. (SIMS; Weston Woods) sh, c, a
MOTION PICTURES, EXPERIMENTAL

James Daugherty.
19 min, Color, 1972 . . . . $10.00
A visit in the home and studio of the noted author-illustrator-historian. Mr. Daugherty's comments contribute to an understanding of the relationship between the artist and the great Americans he portrays: Lincoln, Thoreau, and Daniel Boone, to mention but a few. (Weston Woods) el, jh, sh, c, a
AMERICAN AUTHORS; LITERATURE

James Dickey: Poet-Lord, Let Me Die But Not Die Out.
37 min, Color, 1970 . . . . $13.00
The words of the poet and the people he talks to and the camera that follows him for three weeks on a Dickey barnstorming-for-poetry tour project are an experience in which both students and teachers share. (EBEC) sh, c
AMERICAN AUTHORS; POETRY

Jamie–Story of a Sibling.
28 min, B&W, 1964 . . . . N/C
Emphasizes the damaging effects of sibling rivalry on family members, and illustrates how ego-deflating this rivalry can be to a child. A series of experiences in the home life of Jamie, a typical 10-year-old, reveal that the damage to his personality is a result of difficulties at home rather than of a generally poor adjustment to life. The film helps you teach parents how to minimize the friction and damaging effects of sibling rivalry. (NFBC; McGraw-Hill) c, a
(RESTRICTED TO CAMPUS USE, COUNTY AGENTS, AND U. OF C. BRANCHES ONLY)
CHILD STUDY: FAMILY

Jamestown (The First English Settlement in America).
22 min, B&W, 1958 . . . . $5.00
Photographed in the reconstructed Jamestown and its vicinity, it reveals how the Jamestown colony found economic prosperity in tobacco planting. Using John Rolfe as the central character it dramatizes the struggle between the aspirations of the colonists for self-government and the need for a strong central government during the beginning years. Shows the development of plantations in the Jamestown settlement and the creation of the first legislative body in the New World. (EBF) el, jh, sh
U.S.–HISTORY: COLONIAL PERIOD

Janet And The Genie.
29 min, Color, 1967 . . . . $3.50
Viewers take a trip with Janet, a young high school student, as she journeys through meat packing, poultry processing, apple packing, egg grading, and dairy plants with the help of "The Genie." This magical character shows how to become a smart shopper by using USDA's Consumer and Marketing Service's grading and inspection services. Cleared for TV. (USDA) jh, sh, a
FOOD SUPPLY; PUBLIC HEALTH

Janos At The River.

5 min, Color, 1972 . . . . $6.00

This is a familiar story about luck: some of us have it and some of us don't. But this take of two fishermen is presented with dozens of delightfully outrageous exaggerations. One serious fellow has all the equipment a fisherman could want, but he can't catch a thing. The other fisherman has only a piece of string, but he catches everything, including an umbrella when it rains, a stove when it snows, a fish who catches more fish, and a car to drive away in. (Ceskoslovensky Film Export; IFB) el, jh, sh

ALLEGORY

Japan–Harvesting The Land and The Sea.

27 min, Color, 1965 . . . . $13.00

Examines the human and physical resources of this beautiful but crowded country. Shows how the Japanese must make maximum use of the land and the sea to feed themselves... farmers of the rice plain and fishermen of the Inland Sea...all industrious people who work to produce food for the 100 million inhabitants occupying an area smaller than the state of California. (EBF) jh, sh, c, a

JAPAN

Japan: Historical Overview.

14 min, B&W, 1964 . . . . $4.00

Emphasizing the twin themes of traditional and modern Japan, we trace the major events in this nation's long history, from the clan society of about 800 B.C. to today's parliamentary government. We see the influences of Buddhism and other cultural elements from Asia, the impact of Western technology, and how the shifting powers of priests, nobles, Shogun and Emperor have affected the destiny of this vigorous island nation. (Coronet) sh, c

JAPAN

Japan–Miracle In Asia.

30 min, B&W, 1965 . . . . $6.50

30 min, Color, 1965 . . . . $13.00

Illustrates how Japan, limited by lack of land and natural resources, depends for survival upon trading her manufactured products to other countries. Describes Japan's rapid rise from a feudal society to a great industrial nation, and emphasizes the scope of trading companies to universities, laboratories, and atomic energy stations. Examines some of the social consequences of industrialization–the rising living standard, changing customs, social conflicts. (EBF) jh, sh, c, a

JAPAN; ECONOMICS

Japanese.

52 min, B&W, 1969 . . . . $9.50

Traces Japan's development from W.W. II to present and explores the resultant intermingling of western and eastern influences. Depicts daily life and scans culture of Japan. (Award Winner) (CBS; Carousel) jh, sh, c, a

HISTORY; JAPAN

Japanese Boy–The Story of Taro.

20 min, B&W, 1963 . . . . $5.00

Tells the touching story of a Japanese child who loses a friend, gains a treasured possession, and learns that growing up often means sacrificing one end to gain another. Set against the magnificent mountains of central Honshu, the film takes us into a Japanese home and school, revealing the attitudes, customs, and problems of a farm family living on the edge of a city, and offering insights into the Japanese character. (EBEC) el, jh

JAPAN; STORIES

Japan's Geography: Human and Economic.

13 min, B&W, 1962 . . . . $3.50

Japan, country of contrasts and land of so many with space for so few, is captured by the camera in a photographic survey of its human and natural resources. From the serenity of the eternally green Boso Peninsula to the hubbub of the congested railway confluence in urban Tokyo, the country is pictured in a panorama that highlights its age-old topography and modern, changing economy. (Holt, Rinehart and Winston) jh, sh

JAPAN

Japan's New Family Patterns.

15 min, B&W, 1962 . . . . $4.00

Perhaps in no way does Japan's recent progress show up more sharply than in the realm of its social institutions and mores of its people. The motion picture camera focuses on members of a typical middleclass family of Kyoto, depicting them as they go about their tasks at home and at work, living a life which daily demands adjustments from the old to the new, from tradition to innovation. (Holt, Rinehart and Winston) jh, sh

JAPAN

Jefferson's Monticello.

25 min, Color, 1970 . . . . $10.00

Thomas Jefferson loved his Monticello, the home he designed and built, so it is fitting that his diverse and exceptional life be reviewed in relation to the building of his home over a productive 40 year period. (NBC) jh, sh, c, a

BIOGRAPHY; U.S.–HISTORY

Jenny's Birthday Book.

6 min, Color, 1956 . . . . $6.00

Tells the story of how a cat's friends help her celebrate her birthday. (Weston Woods) el

CHILDREN'S FILMS

Jerusalem: The Holy City.

10 min, Color, 1951 . . . . $7.00

Portrays in rich technicolor photography the pageantry of Jerusalem and of the historical shrines sacred to three religious traditions–Jewish, Christian and Mohammedan. Captures the mood, flavor, and spirit of Jerusalem and provides a documentation of specific sites. Relates settings and shrines to the historic events and religious associations with which they are identified in a tradition and heritage of the western world. (EBF) el, jh, sh, a

RELIGION–HISTORY

Jesse from Mississippi.

15 min, Color, 1971 . . . . $8.00

Shows the adjustment and problems of a black family after one year in the city away from their country home in Mississippi. (EBEC) el

BLACK AMERICANS; SOCIAL ADJUSTMENT

Joan Avoids a Cold.

11 min, B&W, 1965 . . . . $3.50

Joan is the star of the school dance program. When some of the other children in the program catch her cold, Joan learns how colds are spread and that they are caused by tiny germs called viruses. Recovering, Joan follows simple rules for avoiding a cold and staying healthy. (Coronet) el

DISEASES; HYGIENE

John C. Calhoun.

20 min, B&W, 1950 . . . . $5.00

Skillfully highlights important episodes in the tragic career of John C. Calhoun, honored statesman and ardent advocate of States' rights. Depicts events of his early political career, his part in the War of 1812, and the difficulties he encountered when serving as Vice President. Clearly dramatizes developments which compelled him to change from a nationalist to a leader of southern sectionalism. (EBF) jh, sh, a

STATESMEN; U.S.–BIOGRAPHY

John Glenn Story.

29 min, Color, 1963 . . . . $3.50

Describes the astronaut's boyhood life, his education, flight training, combat and test pilot experience, and space flight training. He is shown as embodying the qualities and high ideals to be aspired to by American youth. Actual films portray the tenseness and excitement of Glenn's historic first orbital flight. (U.S. Navy; American Film Services) jh, sh, c, a

BIOGRAPHY; SPACE FLIGHT; PATRIOTISM

John Marshall.

17 min, B&W, 1951 . . . . $4.00

Presents a dynamic portrait of the man who firmly established the place of the Supreme Court in American government. Reveals his boyhood experiences; his role in the American Revolution; in national politics; and as Chief Justice of the Supreme Court. (EBF) el, jh, sh, c, a

LAW; U.S.–HISTORY: REVOLUTION

John Quincy Adams.

20 min, B&W, 1950 . . . . $5.00

Dramatizes significant episodes in the life of America's sixth President and Father of American foreign policy. Clearly reveals Adams' skill in diplomacy by portraying his career as an American representative in Europe and as Secretary of State and author of the Monroe Doctrine. Traces the steps by which Adams laid the groundwork for the expansion of the United States across the entire continent. (EBF) el, jh, sh, a

STATESMEN; U.S.–CONSTITUTION; U.S.–POLITICS

Johnny Appleseed: A Legend of Frontier Life.

13 min, Color, 1954 . . . . $7.00

In this film the inspiring story of Johnny Appleseed–a man of peace whose goal in life was to make the world a better place for all living creatures–is retold against the background of pioneer America. We see how Johnny's love of God and nature started

him on a mission that was to last all his life and make his name known throughout the land. (Coronet) el, jh, sh
FOLKLORE; FRONTIER AND PIONEER LIFE

Jointed-Legged Animals, Arthropods.
18 min, B&W, 1962 . . . . $5.00
18 min, Color, 1962 . . . . $10.00
The film shows many of the factors which have enabled the arthropods to attain the "biological success" that has given them first place among the animal groups. Photomicrography and time-lapse techniques are used to help illustrate characteristics and habits of many of the animal specimens whose range includes much of the United States and Central America. (EBF) sh, c
BIOLOGY; EVOLUTION; ZOOLOGY

Jose Iturbi, Pianist.
10 min, B&W, 1940 . . . . $3.50
Prepared to enable students to study the techniques and interpretation of this artist at close range. Jose Iturbi plays "Sevilla" by Albeniz, and "Fantasie Impromptu" by Chopin. (AFI) el, jh, sh, c, a
MUSICIANS

Journalism: Mirror, Mirror on the World.
52 min, B&W, 1968 . . . . $9.50
An analysis of news reporting which compares coverage by the Public Broadcast Laboratory, NBC's David Brinkley, the *Washington Post*, United Press International, and the *New York Times*, of a peace demonstration. The news story which each of the above sources developed is presented. Joseph Lyford, journalism professor at the University of California, comments on deficiencies in the various stories. The approach used and the content covered is defended by editors and reporters representing the news services concerned. (NET) sh, c, a
JOURNALISM; MASS MEDIA; TELEVISION

Journals of Lewis and Clark.
27 min, Color, 1966 . . . . $13.00
The film is faithful to the journals and covers the same terrain traveled by Lewis and Clark. It captures the wonder of the virgin west, recounts an heroic chapter in the development of the frontier, and points to the problems of conservation and of the treatment of Indians which followed the explorations. Narrated by Lorne Greene. (Landers Film Award of Merit.) (NBC) jh, sh
AMERICA–DISCOVERY AND EXPLORATION; EXPLORERS

Journee Au Lycee.
16 min, Color, 1963 . . . . $8.00
Henri describes a typical day at his Lycee. His studies include mathematics, science, social studies, and other prerequisites for engineering. The film is a full report on the school day of a typical French teen-ager, including lunchtime and recreation period activities. It includes everyday phrases and idiomatic expressions necessary for development of conversational skills. (IFB) jh, sh, c
FRENCH LANGUAGE

Journey Into The Past.
21 min, Color, 1962 . . . . $10.00
Discusses the development and disintegration of the ancient civilizations around the Mediterranean Sea. (IFB) sh, c
HISTORY: ANCIENT (4000 B.C.–A.D. 476)

Journey To A Star: A Science Fantasy.
19 min, Color, 1970 . . . . $10.00
An adventurous puppet fantasy recounts the first expedition to planet PC-4 in the year 2169. (Coronet) el
CHILDREN'S FILMS

Journey to the High Arctic.
55 min, Color, 1971 . . . . $19.00
Documents the Alberta Game Farm, a game preserve dedicated to saving the endangered species of the world, as well as other conservation efforts underway in Canada's Arctic. (National Geographic Society; Films, Inc.) jh, sh, c, a
CANADA; CONSERVATION; ECOLOGY

Juarez – Excerpt.
29 min, B&W, 1939 . . . . $6.50
The triumphant resistance of Republicans under Juarez to Louis Napoleon's attempt to impose a monarchy headed by Maximillian von Hapsburg on the Mexican people. (Adapted from the feature length film, *Juarez.)* (Warner Bros.; TFC) sh, c
HISTORY; MEXICO

Julius Caesar–The Rise of the Roman Empire.
22 min, B&W, 1965 . . . . $5.00
Photographed in a fullscale reproduction of the Roman Forum, this film explores the significance of Caesar's career in history; his conquests of Gaul in a series of brilliant and fierce campaigns, and his successful drive for the rulership of the Roman Empire. The important reforms instituted by him are narrated–from the establishment of an orderly and equitable legal system to the improvement of the economic conditions among the masses. (EBF) el, jh, sh
EUROPE–HISTORY: TO 476

Jungle.
22 min, B&W, 1968 . . . . $5.00
A harsh, often shocking re-enactment of gang life in the Philadelphia ghetto, conceived and photographed by the 12th and Oxford Street gang. (Churchill) sh, c, a
AFRO-AMERICANS; SOCIAL CONDITIONS

Just For The Fun Of It.
19 min, Color, 1970 . . . . $10.00
The film presents a series of physical activities for mentally handicapped children, ranging from the most simple to the most complex. Shows what can be taught and accomplished with these children in the area of physical motor activities. (AIMS) c
EDUCATION, SPECIAL

Just One.
17 min, Color, 1970 . . . . $3.50
Reports on how alcohol affects the human body, including Dr. Melvin H. Knisely's recent discovery of its effect on agglutination or "sludging" of the red blood cells. (Narcotics Education, Inc.; WCTU) jh, sh, c, a
ALCOHOLISM

Justice?
59 min, B&W, 1971 . . . . $10.00
This examination of Black justice in American courts and prisons includes interviews with prisoners, students, defense attorneys, and others with emphasis upon the cases of Angela Davis and the Soledad Brothers. Howard Moore, attorney for Angela Davis, believes that all black people are political prisoners because of an economic system which is discriminatory. The mother of George Jackson – Jackson was subsequently killed in an alleged escape attempt – tells of her son being denied parole because of his political beliefs. Prisoners in San Quentin and Soledad cite the racist and dehumanizing conditions within prisons. (NET) sh, c, a
BLACK AMERICANS; LAW

Justice and the Poor.
60 min, B&W, 1968 . . . . $10.00
A report on the inequities in the present justice system and on some reforms which are being made. The film asserts that the poor receive callous treatment from the police, are penalized by the bail system, and seldom can obtain the services of a qualified lawyer. Various attempts to remedy these situations are documented including bail reforms in New York, police-youth dialogues in Palo Alto, and the use of a UNIVAC machine to provide good lawyers for indigents in Houston. (NET) sh, c, a
LAW; SOCIAL CONDITIONS

Justice Delayed, Justice Denied.
40 min, B&W, 1971 . . . . $8.00
Probes the problems of court congestion and the negative effects of court delays, extended pre-trial detention, and recurrent crime of bailed defendants. Indicates plea-bargaining and "deals" have replaced due process. (CBS; Carousel) jh, sh, c, a
LAW; SOCIAL PROBLEMS

Justice Under Law.
30 min, B&W, 1947 . . . . $6.50
This film, excerpted from *Boomerang* (20th Century-Fox) emphasizes the ideal of justice under American law and the importance of weighing evidence carefully to protect the individual's Constitutional rights. This excerpt was prepared in collaboration with the Audio-Visual Committee of the National Council for Social Studies. (TFC) sh, c
LAW; CIVIL RIGHTS

K

Kaleidoscope Orissa.
37 min, Color, 1967 . . . . $13.00
Explores the culture of Orissa, one of the states of India which is rich in artistic tradition. (Pilgrim Film Services; IFB) sh, c, a
ART; INDIA

Karl Menninger on Psychiatry.
19 min, Color, 1972 . . . . $10.00

The distinguished American psychiatrist, Karl Menninger, discusses the manifold methods of treatment–bad, mediocre, and good–of the mentally ill throughout history, and concludes with his own thoughts on the future of psychiatry and its practitioners. (John Wiley and Sons, Inc.) sh, c
PSYCHOLOGY

Kathy.
19 min, Color, 1969 . . . . $10.00
Educates the 15-19 age group on the topic of Gonorrhea. Actual doctors interview teenagers revealing major points about this fast-spreading disease. Stresses the need for medical help at even a suspicion of Gonorrhea. (AIMS) jh, sh
DISEASES; HEALTH; SEX EDUCATION

Keep Off the Grass.
20 min, Color, 1970 . . . . $3.50
Designed to give young people the unadulterated facts about the smoking of marijuana. The actual evidence, presented in a factual and honest manner, is shown in a dramatic, story-telling format. (Sid Davis Prod.; WCTU) jh, sh, c, a
NARCOTICS; SMOKING; DRUG EDUCATION

Keen Machines.
13 min, Color, 1971 . . . . $7.00
Shows the compound machines. Demonstrations of the simple machines such as inclined plane, lever, axle and wheel, etc. are readily identified by students as familiar objects in their everyday environment. (AIMS) el, jh
PHYSICS; SCIENCE, GENERAL

Kennedy: What Is Remembered Is Never Lost.
23 min, B&W, 1966 . . . . $5.00
This memorial tribute simulates the march of the funeral caisson through Washington to Arlington. The continuity is carried by Kennedy himself supplemented by commentary from correspondents who knew him. (NBC; EBEC) jh, sh, c, a
STATESMEN; U.S.–HISTORY: 1898

Kenya: The Multi-Racial Experiment.
19 min, Color, 1967 . . . . $10.00
Studies the different forms of black-white relations in Africa by examining in turn the Atlantic slave trade, the position of white settlers in Kenya, and Kenya's current race policies. (ABC; McGraw-Hill) sh, c, a
ANTHROPOGEOGRAPHY–AFRICA; SOCIAL CONFLICT; ANTHROPOLOGY

Kid Brother.
27 min, B&W, 1957 . . . . $6.50
Tells the story of Phil, a "normal" teenager who disgraces himself by getting drunk at his brother's engagement party. (Mental Health Film Board; IFB) sh, c, a
GUIDANCE, PERSONAL

Kind of Seeing: The Colour of Scotland.
13 min, Color, 1971 . . . . $7.00
This film draws its images from natural life, and its only message is an invitation to visual pleasure. (Films of Scotland; IFB) jh, sh
NATURAL HISTORY; SCOTLAND

Kinetic-Molecular Theory.
9 min, B&W, 1961 . . . . $3.00
This film is an introduction to kinetic-molecular theory. It provides demonstrations dealing with molecules in motion and the factors that determine kinetic energy. This film can serve as an excellent introduction to the study of gas laws. (McGraw-Hill) sh, c
CHEMISTRY; PHYSICS

King Midas.
5 min, Color, 1968 . . . . $6.00
Interpreted through modern crayon and watercolor resist, relates the story of a king and his wish to turn all he touches to gold. (AIMS) el, jh
CHILDREN'S FILMS; LANGUAGE ARTS

King of the River.
11 min, Color, 1953 . . . . $7.00
One of nature's most remarkable life cycles is reflected in this film-story of the Salmon and its development from spawn to full growth. Unusually fine photography of this subject. (Pictura Films) el, jh, sh, c
FISHES

Kite Story.
25 min, Color, 1969 . . . . $10.00
A boy encounters a strange man who makes wonderful kites. A fantasy about the boy's choice between a simple little kite and a big beribboned kite. No narration. (Churchill) el
CHILDREN'S FILMS

Kitty Cleans Up.
10 min, B&W, 1949 . . . . $3.50
A film made specially for the lower grades, telling the story of a small girl, Helen, and her pet cat. Helen arises in the morning, and bathes, dresses and eats in preparation for taking Kitty to the Pet Show at school. The camera catches the actions of the cat which closely parallel those of Helen in washing and eating. Designed to stimulate language activities revolving around pets and personal health habits. (McGraw-Hill) el
HYGIENE

Know and Sew Knits: Part I – Selection and Care.
18 min, B&W, 1971 . . . . $3.50
This film informs the consumer of the qualities of various fibers used in knitted fabrics and the care required. The film then discusses preparation for sewing, including selecting patterns, interfacings, and linings for knits. (UConn) sh, c, a
SEWING

Know and Sew Knits: Part II – Cutting and Sewing Knits.
15 min, B&W, 1971 . . . . $3.50
Preparation of knitted fabric for sewing, including cutting and marking techniques are demonstrated. Two types of sewing machines are used to show special stitching techniques for knits. The T-shirt neckline is demonstrated. (UConn) sh, c, a
SEWING

Know and Sew Knits: Part III – Buttonholes, Waistlines and Hems.
20 min, B&W, 1971 . . . . $3.50
Techniques for machine made and bound buttonholes, elasticized waistlines, false, circular and tailored hems are shown. (UConn) sh, c, a
SEWING

Know Your Clouds.
16 min, Color, 1967 . . . . $3.50
Describes the development of the ten basic kinds of clouds, their principal characteristics, their relative positions and average altitudes, and their flight hazards. (USWB; National Audiovisual Center) jh, sh, c, a
WEATHER; SCIENCE, GENERAL

Ku Klux Klan: The Invisible Empire.
47 min, B&W, 1965 . . . . $8.00
For the first time cameras and microphones have gone inside the Klan to study the aims and mentality of this band of men that has caused so much havoc in the southern United States. The torches, hoods and flaming crosses are part of their unholy ritual of hate and reign of terror–one stance of mob violence being that of a Negro who survived torture of the whip and fire. Included in this chilling document are scenes from "The Birth of a Nation," the Civil War epic which purported to show the Ku Klux Klan as a lawful organization. Flashing across the screen are the faces of bigots, fanatics, lunatics, dulled by ignorance and inflamed by violence. This is not the America we thought had died in the 1920's and 1930's. It is the America of today. (Winner of three film festival awards.) (CBS; Carousel Films) jh, sh, c, a
CIVIL RIGHTS; U.S.–HISTORY

Kurelek.
10 min, Color, 1967 . . . . $7.00
Self-taught Canadian artist William Kurelek has told in a series of paintings the story of his father's immigration from the Ukraine to the prairies of Canada. (IFB) sh, c, a
ART, MODERN; ARTISTS

L

L.A. 53.
10 min, Color, 1969 . . . . $7.00
A film document which captures the sights, the rhythms, the feeling of railroading. Captures the vigors and strength of railroading. (Journal Films) jh, sh
TRANSPORTATION

L'Ile De La Cite.
12 min, Color, 1970 . . . . $7.00
Michele Bonnier and Penny White, an American student, begin their visit to the heart of Paris by talking to a bookseller along the banks of the Seine, who suggests what they should see. (IFB) sh, c
FRENCH LANGUAGE

La Casa Y La Tierra De Loyola.
20 min, Color, 1955 . . . . $10.00
Narrated in Spanish of normal difficulty by Jose A. Sobrino, this film shows the Basque countryside known to Ignatius Loyola. It includes views of the ancestral house in the Valley of Loyola and also the colorful St. Ignatius Day celebration in Azpeitia. (IFB) jh, sh, c
SPANISH LANGUAGE

La Chambre.
6 min, Color, 1971 . . . . $6.00
Uses animation to show the frustration and confusion of a person trapped in a room. Shows how, as he tries to escape, the walls move and his tension increases. Reflects the feeling experienced when one is caught in a dilemma and there appears to be no way out. (Without narration.) (IFB) sh, c
ALLEGORY; PSYCHOLOGY

La Famille Martin.
18 min, B&W, 1952 . . . . $5.00
A French language film. Pictures activities of the Martin family when Madeline, their daughter, who is in England, sends word that she will be home ahead of time. After many mishaps, they meet Madeline at the airport. (Educational Foundation for Visual Aids; IFB) jh, sh, c
FRENCH LANGUAGE

La Familia Sanchez (A Lesson in Spanish).
10 min, B&W, 1950 . . . . $3.50
This film tells the story of *EBFilms' Spanish Children* in simple, slow-pace Spanish, with vocabulary and sentence structure specially planned for beginners in the language. (EBF) sh, c
SPANISH LANGUAGE

La France Et La Mer.
11 min, Color, 1962 . . . . $7.00
This film views the sea as one of France's natural riches. France's coasts on four different seas are explored, as are her many resort beaches, her commercial, pleasure, naval and fishing ports and her fishing industry. This is an introductory level French film. French narration. (USOE; MLA) el, jh, sh, c
FRENCH LANGUAGE

La Maggia.
11 min, B&W, 1973 . . . . $3.50
Creates visual poetry by following a river's flow. The electronic background music matches the tempo of the river. (IFB) jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL

La Quatorze Juillet.
15 min, Color, 1963 . . . . $8.00
Describes scenes on the streets of Paris during the parade and celebration commemorating the French Revolution. (IFB) sh, c
FRENCH LANGUAGE

La Vie Dans Une Ferme Francaise.
11 min, B&W, 1960 . . . . $3.50
Visiting the Duval family reveals many aspects of French farm life, similar to those in our own country. We see the daily activities on the farm and the village home life where the farmers compare problems and contribute to the community. (Coronet) el, jh, sh, c, a
FRENCH LANGUAGE

Le Haut de Cagnes.
9 min, Color, 1962 . . . . $6.00
A portrait of a medieval hill town, typical of many French villages. Cagnes is favored with a mild Mediterranean climate, and is known for the colony of artists who have made it their home. French narration. (USOE; MLA) el, jh, sh, c
FRENCH LANGUAGE

Le Marais.
13 min, Color, 1971 . . . . $7.00
Michele and Penny meet Jacques, a history student, who acts as their guide to this historic section of Paris. (Seabourne; IFB) sh, c, a
FRENCH LANGUAGE

Le Mont Saint-Michel.
10 min, Color, 1962 . . . . $7.00
A magnificent architectural, esthetic, historical and religious monument, Le Mont Saint Michel has been called "the wonder of the west." This film will show why. French narration. (USOE; MLA) el, jh, sh, c
FRENCH LANGUAGE

Le Musee Grevin.
12 min, Color, 1970 . . . . $7.00
Penny and Michele visit the wax museum of Paris where they play a game trying to place the different figures of French history in their proper era. (IFB) jh, sh, c
FRENCH LANGUAGE

Les Baux de Provence.
10 min, Color, 1962 . . . . $7.00
The chateau and the town of Les Baux are architectural documents on the life of their inhabitants from prehistoric times to the 17th century. The castle of Les Baux was half cavern, half palace, and in its time was termed the world's most fantastic creation. French narration. (USOE; MLA) el, jh, sh, c
FRENCH LANGUAGE

Les Canaux.
15 min, B&W, 1950 . . . . $4.00
This film presents several phases of the importance of canals and rivers in the life of France. The locks in action are explained by animated drawings. The commentary is in French. (IFB) sh, c
FRENCH LANGUAGE

Les Miserables.
40 min, B&W, 1946 . . . . $8.00
A classroom version of the 20th Century-Fox feature picture based on Victor Hugo's novel. (TFC) jh, sh, c
LITERATURE

Les Saisons.
14 min, Color, 1969 . . . . $8.00
A look at the changing seasons in France, particularly the winter sport season and the springtime with the Seine overflowing its banks. (IFB) sh, c
FRENCH LANGUAGE

Label Logic.
18 min, Color, 1968 . . . . $10.00
Shows exactly what a label should tell the consumer under the provisions of the Food and Drug Act and Fair Packaging and Labeling Act; what he should look for in particular; and where he may possibly be misled or misguided. (AIMS) jh, sh, c, a
CONSUMER EDUCATION

Labor Movement: Beginnings and Growth in America.
14 min, B&W, 1959 . . . . $4.00
The development of the organized labor movement from post-Civil War beginnings to World War I is traced through the dramatic events and personalities which characterized it during this period. The methods by which labor sought to achieve its goals are portrayed within a framework of the changing relationship between management and labor and the changing national economy. (Coronet) jh, sh
U.S.–HISTORY; LABOR AND LABORING CLASSES

Laboratory Procedures: Quantitative Transfer.
17 min, Color, 1970 . . . . $8.00
Describes procedures to follow in order to control the transfer of a precipitate from one container to another so precisely that the loss of substance can be limited to within a thousandth of a gram. (EBEC) sh, c
CHEMISTRY

Lamb on Display.
14 min, Color, 1964 . . . . $3.50
This film portrays methods of lamb display, arrangement in the self-service meat counter, and shows how to promote buying. It is adapted to training sessions, workshops, high school and college groups, and groups of home economists and consumers. (American Lamb Council) sh, c
FOOD; BUSINESS EDUCATION

Lamentation.
10 min, B&W, 1945 . . . . $3.50
This film gives a study of Martha Graham in an interpretive dance, with an introduction by John Martin, dance critic of the New York Times. (RFA) c
DANCE

Land Forms and Human Use.
11 min, B&W, 1966 . . . . $3.50
Man's use of the land varies as he encounters mountains, hills, plateaus or plains. Examples from around the globe include Japan, Brazil, India, Norway, Yugoslavia, Peru and the United States. They show the development of agriculture, natural resources, transportation, and industrial centers on major land forms of the world. We also see that patterns of human use change with man's increasing mastery of environment. (Coronet) jh, sh
GEOGRAPHY; GEOLOGY

Land of Immigrants.
16 min, Color, 1966 . . . . $8.00
People of different origins have immigrated at different periods for different reasons. The quality of our nation that has been molded by many cultures. Also about tolerance. (Churchill) el, jh
U.S.–HISTORY

Land of Liberty–Part I.
20 min, B&W, 1941 . . . . $5.00
The story of the men and women who struggled to attain and defend American liberties during the Colonial Period to 1805. (TFC) el, jh, sh, c, a
U.S.–CONSTITUTION; U.S.–HISTORY; U.S.–FOREIGN RELATIONS

Land of Liberty–Part II.
20 min, B&W, 1941 . . . . $5.00
The story of the men and women who struggled to attain and defend American liberties during 1805-1860. (TFC) el, jh, sh, c, a
U.S.–CONSTITUTION; U.S.–HISTORY; U.S.–FOREIGN RELATIONS

Land of Liberty–Part III.
20 min, B&W, 1941 . . . . $5.00
The story of the men and women who struggled to attain and defend American liberties during 1860-1890. (TFC) el, jh, sh, c, a
U.S.–CONSTITUTION; U.S.–HISTORY; U.S.–FOREIGN RELATIONS

Land of Liberty–Part IV.
20 min, B&W, 1941 . . . . $5.00
The story of the men and women who struggled to attain and defend American liberties during 1890-1938. (TFC) el, jh, sh, c, a
U.S.–CONSTITUTION; U.S.–HISTORY; U.S.–FOREIGN RELATIONS

Land of Liberty–Part V.
23 min, B&W, 1959 . . . . $5.00
This film visualizes the significant historical, social, scientific and economic developments in the United States during the period 1939-1958. It includes scenes of WPA Projects, Mussolini, Haile Selassie, Hitler and Chamberlain at Munich, Franklin D. Roosevelt and global war, the Potsdam meeting and the conclusion of the war, the U. N., the ushering in of the Atomic Age, social problems of the post-war era, and Harry S. Truman and Dwight D. Eisenhower. The film concludes with scenes of peaceful town meetings and reminders of the need for responsible participation by citizens. (TFC) jh, sh, c
U.S.–CONSTITUTION; U.S.–HISTORY; U.S.–FOREIGN RELATIONS

Land of the Friendly Animals.
11 min, Color, 1972 . . . . $7.00
Wandering over an island in the Galapagos Archipelago, four children introduce us to some of their fascinating animal friends: finches, herons, huge tortoises, iguanas, and sea lions. (EBEC) el
ANIMALS

Land of the Long Day – Part I: Winter and Spring.
19 min, Color, 1952 . . . . $10.00
Presents the life of an Eskimo family through the Arctic Winter and Spring. Shows the family preparing to make the spring move from the winter home to drier ground and describes the activities of all members of the group. Pictures the Eskimo hunting seal for food and clothing. (NFBC; IFB) el, jh
ESKIMOS

Land of the Long Day – Part II: Summer and Autumn.
19 min, Color, 1952 . . . . $10.00
Presents the life of an Eskimo family through the Arctic summer and autumn. Describes the group's preparation for winter by hunting seal and white whale for food and clothing, and shows the return of winter. (NFBC; IFB) el, jh
ESKIMOS

Landscape in Painting.
19 min, Color, 1973 . . . . $10.00
Surveys landscape painting from ancient times to the present day. Therefore, the film is a series of contrasting styles in painting; some are almost photographic representations of nature and others stress light and color more than realism. (IFB) sh, c
ART

Language of Algebra.
16 min, Color, 1956 . . . . $8.00
Shows how mathematical symbols and formulas came into being by man's substituting letter symbols for words. (VEF; IFB) jh, sh, c
ALGEBRA; MATHEMATICS

Language of Graphs.
16 min, Color, 1972 . . . . $8.00
Two students need to design graphs in order to solve a problem. Covers the selection of the most appropriate type of graph and their construction: bar graph, line graph, circle graph, and equation graph. (Coronet) jh, sh,
GRAPHS; MATHEMATICS

Language of Maps.
11 min, B&W, 1964 . . . . $3.50
11 min, Color, 1964 . . . . $7.00
Uses models, animation and live photography to interpret the symbols of the map maker for the new map reader. A wealth of motion picture techniques is used to make these symbols meaningful. (EBF) el, jh, sh
MAPS AND GLOBES; GEOGRAPHY

Language of the Bee: A Case History of the Scientific Method.
15 min, Color, 1965 . . . . $8.00
Dr. Karl von Frisch is shown as he performs some of the experiments which led to his amazing discovery of the language of bees. This is a classic example of how scientists work. Observed and analyzed are the actual dance patterns and sounds by which bees communicate. (MIS) jh, sh, c
SCIENTIFIC METHOD; BEES

Laplanders.
10 min, B&W, 1953 . . . . $3.50
The story of the reindeer-tending Laplanders of Northern Sweden beautifully photographed by Arne Sucksdorff, outstanding Swedish cameraman and producer. Follows a family from their summer fishing grounds to the highland reindeer pastures where the winter work of slaughtering and preparing the year's food supply is carried on. Portrays the dependence of the Lapps on the reindeer for food, clothing, shelter and transportation. (EBF) el, jh, sh, c, a
SWEDEN

Lascaux: Cradle of Man's Art.
17 min, Color, 1950 . . . . $8.00
Describes the discovery by two young boys of the cave paintings at Lascaux on the Vezere River in southern France. (IFB) sh, c, a
ART, PRIMITIVE

Laser Light.
38 min, Color, 1969 . . . . $13.00
Depicts what lasers are, how they work, how they are being used now and possible uses in the future. (Award winner.) (Luby; Scientific American) sh, c, a
LIGHT

Last Menominee.
30 min, B&W, 1966 . . . . $6.50
A series of interviews filmed on location in Menominee County, Wisconsin, during which various Menominees describe their doubts, their hopes for the future, and the problems which they now face due to the termination of their reservation status by the Bureau of Indian Affairs. The Menominee Indians have gained citizenship, but they have lost their hunting and fishing rights and lack food as a result. They are also without doctors and hospitals. Adequate education and employment are no longer available. (NET) sh, c, a
INDIANS OF NORTH AMERICA; POVERTY

Last Reflections on a War.
44 min, B&W, 1968 . . . . $8.00
Following an introduction by his widow, the critical comments and views of Asian scholar and war correspondent, Bernard B. Fall, are presented along with combat scenes from South Vietnam. The war's effect upon the people is also illustrated. The taped comments include the tape Fall was recording when he was killed. The nature of the insurgency, the use of massive fire power, and whether there is a practical solution to what he terms the "stupid war" are among the subjects discussed by Fall. (NET) sh, c, a
U.S.–HISTORY; WAR

Last Tribes of Mindanao.
55 min, Color, 1972 . . . . $19.00
Documents some of the culture of primitive tribes on the island of Mindanao in the Philippines. Emphasizes the conflict between tradition and progress and the need to preserve some of the traditions of minority groups. (National Geographic Society; Films, Inc.) jh, sh, c, a
ANTHROPOLOGY; PHILIPPINE ISLANDS

Last Vikings.
55 min, Color, 1972 . . . . $19.00
Story of the Vikings, their conquests and way of life. Shows today how their descendants still turn to the sea to support their lifestyle. Methods of fishing for cod, eels, and whales are shown along with other traditional ways of food getting. (National Geographic; Films, Inc.) el, jh, sh, c, a
FISHING; HISTORY

Late for Dinner: Was Dawn Right?
8 min, B&W, 1970 . . . . $3.00
8 min, Color, 1970 . . . . $6.00
Portrays several familiar conflict situations in open-ended story form. (EBEC) el
PSYCHOLOGY; FAMILY; GUIDANCE, PERSONAL

Laws of Heredity.
16 min, Color, 1967 . . . . $8.00
How does "like beget like?" The film answers this question by showing, with clear simple logic, that inheritance is determined in statistically predictable ways. It presents the insights and conclusions about inheritance that were first achieved by Gregor Mendel. The laws of heredity are the cornerstone of the modern science of genetics, and necessary to our understanding the process of natural selection. (EBF) sh, c
HEREDITY

Learning About Flowers.
10 min, B&W, 1957 . . . . $3.50
Shows the budding and flowering of many different kinds of plants in vivid time-lapse photography and illustrates the cycle of growth from seeds. (EBF) el
FLOWERS

Learning About Heat.
8 min, B&W, 1955 . . . . $3.00
Deals with such basic concepts as how heat changes the state of matter, what are expansion and contraction, what are good and poor conductors, and how heat travels. (EBF) el
HEAT

Learning About Land and Water.
9 min, Color, 1970 . . . . $6.00
Explains pictorial symbols on maps and globes and what geographical places they represent. Defines basic terms and types of land and water areas. Explores the interrelation of natural and cultural geography. (AIMS) el, jh
GEOGRAPHY; MAPS AND GLOBES

Learning About Leaves.
11 min, Color, 1950 . . . . $7.00
Explains with time-lapse photography, animation and skillful close-ups, how leaves are important to plants, animals, and man. Compares different kinds of leaves–those of many common trees, lawn plants, and evergreens and shows how leaves are related to other parts of a plant, the stem and roots. The functions of green leaves making and storing foods, and the changes that take place during the different seasons, are clearly illustrated. (EBF) el
BOTANY–PHYSIOLOGY

Learning About Light.
8 min, B&W, 1955 . . . . $3.00
Deals with the fundamental concepts in the study of light such as which objects are luminous; when are objects transparent, translucent, or opaque; what is reflection; and what is refraction. Examples from students' daily experiences are explained by means of animation. (EBF) el
LIGHT

Learning About Sound.
8 min, B&W, 1955 . . . . $3.00
Whether loud or soft, high or low, sound is made by vibration–of a string, a taut surface or a column of air–and travels in waves. We are aware of sounds because the vibrations reach our ears and the hearing nerves carry their message to the brain. (EBF) el
SOUND

Learning About Your Nose.
10 min, Color, 1956 . . . . $7.00
Demonstrates the nose as a sterilizer, cleanser, air conditioner and humidifier, and suggests proper nasal health practices. (EBEC) el, jh
HEALTH

Learning Discriminations and Skills.
10 min, B&W, 1958 . . . . $3.50
In a more detailed analysis of the learning process, this film demonstrates the two basic principles involved in learning a skill. These closely integrated processes, used by any organism, are: 1) discrimination between stimuli and 2) the application of this discrimination in making selected responses. Through laboratory experiments, the film shows how pigeons can be taught to discriminate between colors, between sounds and silence, and between various sounds. The film then shows how humans learn to discriminate between stimuli in the same way. Further laboratory tests show how a pigeon can be trained to develop specific skills. This is followed by various examples of human beings in the same types of learning situations. Although the learning of skills is far more complex with human beings, the basic principles of stimulus discrimination and response differentiation appear to be generally the same. (McGraw-Hill) c
PSYCHOLOGY, COMPARATIVE

Learning from Pets in the Classroom.
15 min, Color, 1961 . . . . $8.00
Shows how to organize the classroom for science and how to keep animals for observation. Views various classrooms where children are caring for pets, such as amphibians, insects and mammals. (Journal Films) el
ANIMALS; SCIENCE, GENERAL

Learning from Visuals: The Application of Programming Principles to Visual Presentations.
36 min, Color, 1965 . . . . $13.00
Practical ideas are presented for the preparation and use of visual materials in training and education. The film illustrates how the behavioral principles underlying programmed instruction may be applied to the use of either static or dynamic visuals presented on the printed page, on film, or on television. It is based on recently completed research and is appropriate for audio-visual specialists, training specialists, teachers, researchers, and others interested in the application of learning principles to visual presentations. (American Institute for Research) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; TELEVISION

Learning is Searching: A Third Grade Studies Man's Early Tools.
30 min, B&W, 1955 . . . . $6.50
A third grade in the New Lincoln School studies tools and their origins. The process of search is stressed. Shows the relation of the studies to the group's other school activities. Presents the enthusiasm as well as the limitations of the children. (Vassar College) c
EDUCATION–METHODS

Learning Methods–Building Blocks to Knowledge.
13 min, Color, 1972 . . . . $7.00
Studies four learning processes–trial and error, insight, conditioned reflex, stimulus response and reward. Each method is visualized by presenting an animal actually learning by that particular process. (AIMS) jh
SCIENCE, GENERAL

Learning Through Movement.
32 min, B&W, 1968 . . . . $3.50
Covers an eight-month experience with grades one through six, showing the physical, emotional, and intellectual involvement of the children, and explores the multiplicity of learning concepts that a child can experience in a creative dance class. (Distribution limited to Connecticut users only.) (S-L Film Productions) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); DANCE

Learning to Earn.
18 min, Color, 1963 . . . . $3.50
This colorful and appealing film, packed with action scenes in classroom, libraries, and shops, tells the story of the vocational technical high schools in Connecticut. It will be of special interest to young people making decisions about their future careers in business and industry. (Conn. State Dept. of Ed.) jh, sh
GUIDANCE, VOCATIONAL

Learning to Earn in Business.
20 min, Color, 1965 . . . . $3.50
This guidance film discusses preparation for business careers through Business and Distributive Education curricula in Connecticut high schools. Film scenes deal with secretarial, business machine operation, sales, advertising display, and managerial aspects, and points out to interested high school students what is expected of them in school and on the available jobs. (Conn. State Dept. of Ed.) jh, sh
GUIDANCE, VOCATIONAL

Learning to Learn.
14 min, B&W, 1973 . . . . $4.00

Reveals how imaginative methods and materials can instill in very young children the desire to learn. Viewers acquainted with early education will recognize some familiar materials developed by Montessori and methods based on Paiget's philosophy. (AIMS) c, a
EDUCATION, ALTERNATIVE; EDUCATION, METHODS

Learning to Study.
14 min, B&W, 1954 . . . . $4.00
The steps required to master the art of study are shown in detail. Pointing out briefly what learning is, the film indicates that learning through formal study is essentially similar to the learning that takes place through other forms of experience. The basic requirements for effective study are an appreciation of the importance of study in achieving our life goals and a clear notion of the purpose of each assignment. Some of the tools of study are described, the mastery of which makes learning easier. (EBF) jh, sh
STUDY SKILLS

Learning to Study Your State.
11 min, B&W, 1967 . . . . $3.50
This film points out the basic geographic concepts to be considered in studying any state. Its location can tell us something of its climate and crops. We can observe land and water forms and their uses, mineral resources, the work people do, where they live, and how tax money is spent. By visiting the capitol, we learn something of the story and government of our state. (Coronet) el
STUDY SKILLS; U.S.–STATES

Learning to Use Your Senses.
10 min, Color, 1968 . . . . $7.00
This film uses a children's birthday party to explain the functions of the five senses–sight, hearing, touch, smell, and taste. (EBEC) el
SCIENCE, GENERAL

Leaving Home Blues.
51 min, Color, 1971 . . . . $19.00
During the past 30 years, 30 million people have left the nation's farms and small towns for the big city. This may be the greatest migration in the history of man. It lies at the heart of the problems overwhelming the cities. (NBC) sh, c, a
SOCIAL PROBLEMS; SOCIOLOGY

Leenya–Daughter of the Noble Blacks of Surinam.
10 min, Color, 1973 . . . . $7.00
In this film Leenya, a young Bush Negro of the country of Surinam, tells her own story. That story is a simple but moving one–the history of her people as she knows it, the occupations of her father who works in a lumber mill and her mother who takes care of the home and garden where they grow many of their provisions, her school in the nearby town, and her hopes for the future. (IFB) sh, c
ANTHROPOLOGY; SOUTH AMERICA

Legend of Mark Twain.
32 min, Color, 1969 . . . . $13.00
Biography of the well-known American author which includes dramatizations from two of his works–*The Celebrated Jumping Frog of Calaveras County* and *The Adventures of Huckleberry Finn.* (Benchmark Films) jh, sh, c, a
AUTHORS, AMERICAN; LITERATURE

Legend of the Magic Knives.
11 min, Color, 1971 . . . . $7.00
After an old chief realizes that carvings of an apprentice are superior to his, he throws a knife at the guardian of these carvings, but strikes himself. He is permitted to choose any form after death, however, and selects to be a river always flowing close to his native tribe. (EBEC) jh, sh
FOLKLORE; MYTHOLOGY

Legislative Process,
28 min, B&W, 1954 . . . . $6.50
Using the General Assembly of Indiana as an example of the state legislature in action, this film presents detailed information about the various steps through which bills must pass to become laws. Synchronous sound sequences show the action taken on bills in both the House and Senate chambers as well as in committees. The film also depicts the work of the Legislative Bureau and the Attorney General in the preparation of bills and the part played by lobbyists in legislation. (NET) jh, sh, c
U.S.–STATES; U.S.–GOVERNMENT

Legs: System of Individualized Instruction for Nursing Students.
10 min, Color, 1970 . . . . $7.00
Motivational orientation film explains the instructional system LEGS (Learning Experience Guides), for use by Nursing Students. (John Wiley and Sons, Inc.) c, a
NURSES AND NURSING

Leisure and Vacations.
11 min, Color, 1972 . . . . $7.00
Whether at the end of the workday, on the weekend, or during his vacation, the average Frenchman has within his reach a variety of pastimes ranging from the typically French "la petanque" and the "Tour de France," to rugby and soccer. (EBEC) jh, sh
FRANCE

Lentil.
9 min, Color, 1957 . . . . $6.00
Tells the story about a boy who couldn't whistle and saved the day with his harmonica. (Weston Woods) el
CHILDREN'S FILMS

Leo Beuerman.
13 min, Color, 1969 . . . . $7.00
The intensely human story of Leo Beuerman touches every viewer in a different way. His overcoming of handicaps and his philosophy of life serve as inspirations to all who see the film. (Centron) el, jh, sh, c, a
EDUCATION, SPECIAL; GUIDANCE, PERSONAL

Leonardo Da Vinci and His Art.
14 min, Color, 1957 . . . . $8.00
A close examination of Leonardo's famous works provides a basis for appreciating his particular style and the beauty of his art. Reflecting his position as one of the foremost figures of the Renaissance, Leonardo's versatility is revealed as an artist, anatomist, mathematician, and architect. (Coronet) jh, sh, c
ART; ARTISTS

Leonardo Da Vinci (Giant of the Renaissance).
25 min, Color, 1957 . . . . $10.00
Presents the life and work of the man who best exemplified the spirit of the Renaissance, Leonardo Da Vinci–master of painting and sculpture, architect and inventor, author of a scientific method that foreshadowed modern research. (EBEC) jh, sh, c
ARTISTS; BIOGRAPHY; INVENTORS

Leopold the See-Through Crumbpicker.
9 min, Color, 1971 . . . . $6.00
The havoc that the invisible Leopold created as he devours every crumb in sight makes an hilarious story to delight the very young. He befriends Minerva, and how she renders him visible is the amusing outcome of this action-filled tale. (Weston Woods) el
CHILDREN'S FILMS

Let Them Learn.
27 min, Color, 1966 . . . . $13.00
A teacher education film examining the characteristics of educational films that make them significant teaching materials; it illustrates the way a film can be used in a planned or spontaneous teaching situation. Classroom vignettes and excerpts from films show that when audio-visual materials and equipment are available, the "teachable moment" can be taken advantage of fully. (EBEC) c
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Let's Find Life.
8 min, Color, 1971 . . . . $6.00
Youngsters view the wide variety of life forms that exist along with man in the city. (EBEC) el
SCIENCE, GENERAL

Let's Learn to Predict the Weather.
11 min, Color, 1962 . . . . $7.00
Weather facts which pupils can observe for themselves are presented in this film to give a basic understanding of why weather changes take place. The film shows the significance of barometer readings, wind direction, and types of clouds, and other interesting observations which will enable pupils to anticipate weather changes. (Coronet) el, jh
WEATHER

Let's Measure: Inches, Feet and Yards.
10 min, B&W, 1952 . . . . $3.50
Jimmy and his father use a ruler to measure Jimmy's height, and they examine the ruler together, indicating the units of length. From the foot ruler, they proceed to a yardstick and the measurement of longer lengths. Jimmy then plays a game–finding the length of familiar objects–and begins to learn how to estimate inches, feet, and yards. (Coronet) el
ARITHMETIC

Let's Measure: Using Standard Units.
14 min, Color, 1970 . . . . $8.00
In Measuring Land, Jimmy learns the importance of using standard units to measure different things correctly. (Coronet) el
MATHEMATICS

Let's Play Fair.
11 min, B&W, 1968 . . . . $3.50
Billy tries to decide what is fair and how to play fair in a number of different situations. (Coronet) el
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Let's Pronounce Well.
10 min, B&W, 1952 . . . . $3.50
This film shows youngsters from 8 to 14 years old how good pronunciation and enunciation can be achieved by the simple practices of being clear, being natural, and being accurate in word usage. The story concerns Tom who lacked good speech habits. Children, aware of his failings, and aware of the methods he used to correct himself, will find themselves pronouncing words with him, and by silently correcting him as he goes along, will be able to apply what they see on the screen to their own pronunciation problems. (Coronet) el, jh
SPEECH

Let's Share with Others.
11 min, B&W, 1968 . . . . $3.50
Greg has a new ball and discovers many ways he can share; when he should not share; and the benefits of sharing. (Coronet) el
CHILD STUDY; CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Let's Write a Story.
11 min, B&W, 1964 . . . . $3.50
A direct incentive to creative writing for the very young child. In the first of three sequences we watch the antics of a dog. The projector is turned off and the class describes the scene using imaginative words and phrases. A second provocative episode is the stimulus for writing vivid sentences, the third for writing a complete story. (Churchill) el
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Letter to Amy.
7 min, Color, 1970 . . . . $6.00
A letter is a 'sort of special' way to invite someone to your birthday party. The adventures of Peter and Amy and the letter create suspenseful drama and a sensitive portrayal of the disappointments and joys of a child's world. (Weston Woods) el
CHILDREN'S FILMS

Lettering Instructional Materials.
23 min, B&W, 1956 . . . . $5.00
This film surveys easy-to-use lettering methods and shows how the inexperienced person can use the methods described for lettering on signs, posters, bulletin boards and displays. (Indiana University) c, a
ART; AUDIOVISUAL MATERIALS–PRODUCTION

Lewis and Clark.
17 min, B&W, 1950 . . . . $4.00
Tells the story of the expedition made by Meriwether Lewis and William Clark to explore the land from the Mississippi to the Pacific Coast. Follows their party up the Mississippi River to Mandan Indian territory in North Dakota where they establish winter camp. Portrays their meeting with the Frenchman Charbonneau and his Indian wife Sacajawea who became their guides. Continues with them across the northern Rockies and down the Columbia River to its mouth. Reveals details of scientific exploration with respect to topography, natural resources, and plant and animal life. (EBF) el, jh, sh, a
EXPLORERS; U.S.–HISTORY: 1783-1900

Lexington and Concord: April 19, 1775.
15 min, Color, 1965 . . . . $8.00
Recounts the momentous events on the day that precipitated the American Revolution. (Brodshaug; IFB) jh, sh
U.S.–HISTORY: REVOLUTION

Libraries are for Sharing.
11 min, Color, 1965 . . . . $7.00
Motivates children to browse in the library and to read many kinds of books. Children are shown how to use the card catalog, the encyclopedia, vertical files, maps, globes, and books in their search for information. Emphasis is placed on sharing the knowledge and experience of others through the library's facilities. (Portafilms; Hank Newenhouse) el, jh
LIBRARIES

Libraries are Kids' Stuff.
15 min, Color, 1972 . . . . $8.00
Documents the new concept in school libraries as exemplified by the Myers Elementary School Library, a regional demonstration project funded under the Title III, ESEA, in Tucson, Arizona. Here the library is conceived as a multi-media learning resource center. The librarian, teachers, and pupils help each other use the center for perceiving, reading, experiencing and learning beyond the classroom. (Weston Woods) c, a
EDUCATION–METHODS; LIBRARIES

Library–Place for Discovery.
17 min, Color, 1966 . . . . $8.00
Highlights the services, materials, and resources of public and school libraries, from storytelling to research facilities. (EBEC) el
EDUCATION; LIBRARIES

Life Before Birth.
26 min, B&W, 1960 . . . . $6.50
Shows the work of embryologist Dr. James Ebert in his study of the mechanisms by which the complex individual develops from the single cell. This film begins with a clear and non-technical introduction to the basic principles of embryology then shows the development of the chick embryo through early formative stages to the point where clearly defined organs appear. Provides excellent motivation for beginning science students as well as for specific biology courses. (CBS; Carousel Films) jh, sh, c
EMBRYOLOGY

Life Between Tides.
11 min, Color, 1964 . . . . $7.00
Presents a motion picture discovery of intertidal life, showing the rich variety of animals and plants on a stretch of shoreline on the coast of the State of Washington. Points out the relationships among plants and animals and their marine environment. (EBF) el
ADAPTATION (BIOLOGY); MARINE BIOLOGY

Life in a Vacant Lot.
10 min, Color, 1966 . . . . $7.00
Presents the interrelationships of organisms living in an urban vacant lot. (EBEC) el
SCIENCE–GENERAL

Life in Ancient Greece: Home and Education.
14 min, B&W, 1959 . . . . $4.00
Filmed in Athens, Greece, the picture follows the activities of a typical family of this city in 400 B.C. From a story of a young Athenian boy and a beautiful vase we learn how the people furnished their homes, what foods they ate, how they dressed, how they worshipped, what their schools were like and of the education of the daughter in household arts. Also shown is a pottery factory which provides the family's livelihood. (Coronet) el, jh, sh
GREECE; HISTORY, ANCIENT (4000 B.C.–A.D. 476); FAMILY

Life in Ancient Greece: Role of the Citizen.
11 min, B&W, 1959 . . . . $3.50
Photographed in and around Athens, Greece, the film recreates the political and economic life in a Greek city-state in 440 B.C. Much is learned about the privileges and responsibilities of citizenship in this early democracy as one travels with the boy Leander and his father through the countryside and the city. One visits a farm, a pottery factory, meets other citizens and watches Greek youths take the momentous Ephebic Oath prerequisite to full citizenship. (Coronet) el, jh, sh
GREECE; HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Life in Ancient Rome.
14 min, B&W, 1964 . . . . $4.00
With a full-scale reproduction of the Roman Forum, authentic settings and costumes, this film recreates typical scenes and activities in the City of Rome during the reign of the Emperor Trajan. It examines the characteristics and achievements of the Roman Empire at the height of its power; points out some of the weaknesses in Roman society; and considers the ways in which Roman ideas and culture influenced the development of Western civilization. (EBF) el, jh, sh
ITALY; HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Life in Modern France: Better Life Tomorrow.
10 min, Color, 1971 . . . . $7.00
The France of today and the France of tomorrow: advantages and disadvantages inherent in industrialization of a traditionally agricultural society are presented. (EBEC) jh, sh
FRANCE; SOCIOLOGY

Life in Mountains (Switzerland).
10 min, Color, 1949 . . . . $7.00
Taking in a six-month seasonal span, this film offers a unique opportunity to study the conditions and adaptations to living in mountainous regions. (Coronet) el, jh, sh
SWITZERLAND

Life in Northern Lands (Norway).
10 min, Color, 1954 . . . . $7.00
A Norwegian family, living on a fiord near Bergen, shows us how people in a northerly latitude adjust their lives and seasonal occupations to the demands of climate and topography. We see this family first harvesting hay and grains during the short Norwegian summer, and again in the winter, when the children ski to school and their brother and father are occupied with the fishing fleet and forest products. (Coronet) el, jh
NORWAY

Life in the Deciduous Forest.
19 min, Color, 1962 . . . . $10.00
Discusses the animals, plants and fungi found in a deciduous forest. Describes how they are affected by the seasons. Traces the herbivore-carnivore food chains of the community. (Campbell; IFB) sh, c, a
BIOLOGY–ECOLOGY; FORESTS AND FORESTRY

Life in the Desert.
11 min, Color, 1954 . . . . $7.00
Seemingly desolate, the hot dry lands of the West support a variety of plants and animals. There is enough food, water, and safety for living things that are adapted to desert conditions, but the community's survival depends on the balance of nature. (EBF) el, jh, sh
ADAPTATION (BIOLOGY); ECOLOGY; CLIMATE

Life in the Far East.
16 min, Color, 1969 . . . . $8.00
Shows how the people and nations of Southeast Asia are becoming increasingly westernized, though still culturally linked to China. (Gateway; Coronet) el
ASIA

Life in the Forest.
11 min, Color, 1954 . . . . $7.00
Camera artistry shows how forests, like cities, are constantly changing and densely populated. The probing telephoto lens reveals how even the trunk of a dead tree teems with life. What is food for one denizen may be a threat to another, but all depend on plant life for food and shelter. (EBF) el, jh, sh
ADAPTATION (BIOLOGY); ECOLOGY; FORESTS AND FORESTRY

Life in the Grasslands (North America).
11 min, Color, 1954 . . . . $7.00
Depicts plant, animal, and insect life on the grasslands illustrating the interrelationships of living things and their surroundings. The beautiful photography should lead to appreciation as well as understanding of the grassland's ecology. (EBF) el, jh, sh
ECOLOGY; ADAPTATION (BIOLOGY); ANIMALS–HABITS AND BEHAVIOR

Life in the Sahara.
15 min, Color, 1953 . . . . $8.00
Reviews important aspects of the life, habits, and customs of people living in the great Sahara Desert region of Africa. Portrays typical vegetation as well as the topography of the desert and emphasizes the contribution made by the camel to desert life. (EBF) el, jh, sh
ADAPTATION (BIOLOGY); CLIMATE; ECOLOGY

Life in the Sea.
11 min, Color, 1958 . . . . $7.00
Divides sea life into three groups: plankton, bottom dwellers and free-swimming animals. Explains that sea life depends upon the process of photosynthesis. (EBEC) jh, sh
BIOLOGY–ECOLOGY; MARINE BIOLOGY

Life in the Thirties–Part I: 1930-1936.
26 min, B&W, 1965 . . . . $6.50
A documentary on the Great Depression of the 1930's, this film shows life in the United States during that decade, and how, under the leadership of Franklin D. Roosevelt, the American people met its severe challenge. Part I begins with the Great Depression during President Hoover's administration. In 1932, newly-elected Roosevelt acts quickly to stem financial panic and combat the depression. Special agencies such as the NRA, the AAA, the CCC, and the PWA are established. Demagogues attempt to persuade people to follow their extreme views: Huey Long, Father Coughlin, and Gerald K. Smith. Roosevelt's calming voice on the radio "fireside chats" overrides them all. He is returned to office in the election of 1936. (Part of the award-winning "Project 20" series.) (NBC; McGraw-Hill) jh, sh, c
U.S.–HISTORY: 1898-

Life in the Thirties–Part II: 1936-1939.
26 min, Color, 1965 . . . . $13.00
Part II starts with President Roosevelt's second inaugural address in 1936. The nation's domestic problems are aggravated by threatening developments abroad. Efforts to overcome the depression succeed. People once again begin to enjoy life. The story then shifts to Europe where the rise of dictators is seen. Final scenes show the opening of the 1939 World's Fair in New York on the eve of World War II. (Part of the award-winning "Project 20" series.) (NBC; McGraw-Hill) jh, sh, c
U.S.–HISTORY: 1898-

Life in the Woodlot.
17 min, Color, 1960 . . . . $8.00
Within a few acres of woods left standing in the midst of cultivated farmland, the camera reveals the complex patterns in which the seasonal and life cycles of man, animals and plants are interrelated. (McGraw-Hill) sh, c
ADAPTATION (BIOLOGY); ECOLOGY; FORESTS AND FORESTRY

Life of a Plant.
10 min, Color, 1950 . . . . $7.00
This film clearly shows the steps in the life cycle of a typical flowering plant, the pea. This film identifies the roles of roots, stems, leaves, flower, fruit and seed. Live action shots are dramatized through the medium of time-lapse photography. Animated drawings reveal the functioning of the various parts of the plant. (EBF) el, jh, sh
BOTANY

Life on a Cattle Ranch.
10 min, Color, 1955 . . . . $7.00
How does a cattle ranch function? What does ranching entail? These questions and many more are answered as we join Tommy in his chores and pleasures of raising and selling cattle. Interspersed with traditional Western recreation–folk singing and rodeos–the film provides both an entertaining and cohesive background for social studies. (Coronet) el, jh
COWBOYS; FARM LIFE; FARM PRODUCE

Life on a Sheep Ranch.
10 min, Color, 1955 . . . . $7.00
This picture develops the essential character of sheep-ranching and shows the integration of economics with the ranch's seasonal activities. Filmed in Colorado, the picture authentically portrays both the home ranch and herder's camp. The warm personal relationship established between the boy and shepherd will invite the student's participation and enrich his social studies learnings of the various components of life on a sheep ranch. (Coronet) el, jh
FARM LIFE; FARM PRODUCE

Life Story of a Moth–The Silkworm.
11 min, Color, 1964 . . . . $7.00
Illustrates the structural and behavioral changes which occur during the process of metamorphosis in the silkworm moth. (EBEC) el
BIOLOGY; INSECTS AND SPIDERS

Life Story of a Social Insect (The Ant).
11 min, B&W, 1969 . . . . $3.50
11 min, Color, 1969 . . . . $7.00
Emphasizes why ants are termed "social". Shows the tasks performed by different types of ants and the formation of a new colony. Identifies the three sections of an ant's body. (EBEC) jh
INSECTS AND SPIDERS; BIOLOGY

Life Story of the Crayfish.
10 min, B&W, 1964 . . . . $3.50
Photographed in the Louisiana bayou country, this film demonstrates how the crayfish is adapted to life in water. Shows the life cycle of the crayfish from fertilized egg to adult. (EBF) el
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY

Life Story of the Earthworm.
10 min, B&W, 1964 . . . . $3.50
10 min, Color, 1964 . . . . $7.00
There is much for the child to discover about the life of the familiar "night crawler." Viewers will learn how it moves, feeds, reproduces, and reacts to stimuli. The relationship of the earthworm to the leech, sandworm, and other annelids is shown,

and its importance in improving the soil is demonstrated. (EBF) el
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY; BIOLOGY; INSECTS AND SPIDERS

Life Story of the Grasshopper.
11 min, Color, 1966 . . . . $7.00
Shows the grasshopper's structure and relates it to his ability to survive despite the perils introduced by animals and man. (EBEC) el
BIOLOGY; INSECTS AND SPIDERS

Life Story of the Hummingbird.
16 min, Color, 1964 . . . . $8.00
The film enables the student to make otherwise impossible discoveries concerning the life cycle of the hummingbird. Unique photographic techniques show flight movements of this smallest of birds in feeding, courtship, and nest building. (EBF) el
ADAPTATION (ANIMALS); BIRDS; ZOOLOGY

Life Story of the Ladybird Beetle.
10 min, Color, 1966 . . . . $7.00
The film shows the complete metamorphosis in the life cycle of the ladybird beetle, illustrating how the insect is adapted for specific functions at each of the four stages. (EBEC) el
BIOLOGY; INSECTS AND SPIDERS

Life Story of the Paramecium.
11 min, B&W, 1964 . . . . $3.50
11 min, Color, 1964 . . . . $7.00
Studies the life functions of a typical one-celled animal–the paramecium–showing how it feeds, grows, breathes, moves, gives off wastes, reacts to stimuli, and reproduces. Presents the fundamental concept that the basic unit of life is the individual cell. The film serves as an introduction to a study of other groups of animals and plants, showing that higher organisms are composed of many specialized and interdependent cells. (EBF) el
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY; BIOLOGY; INSECTS AND SPIDERS

Life Story of the Toad.
10 min, B&W, 1964 . . . . $3.50
Photographed in the bayou country of Louisiana, this film introduces the metamorphosis typical of amphibians. The film also shows how toads reproduce, feed, and move. The position of the toad in the food cycle is shown. (EBF) el
ADAPTATION (ANIMALS); ANIMALS–HABITS AND BEHAVIOR; AMPHIBIA

Life Zones of the Central Rockies.
21 min, Color, 1966 . . . . $10.00
The four life zones found in ascending a mountainside in the Central Rockies: grassland-deciduous; pine transition; spruce-fir; and the alpine arctic zone. (Berlet; IFB) sh, c
BIOLOGY–ECOLOGY

Light and Dark.
6 min, Color, 1954 . . . . $6.00
In this film striking camera studies in light, shadow, and gradations of color illustrate the meaning of values in art. Children are encouraged to find out, by experimentation with light and dark objects, what value is, what it does, and how it makes them feel. (EBF) el
ART; COLOR; LIGHT

Light and Shadow.
11 min, B&W, 1949 . . . . $3.50
Another of the Elementary Science films, this is an introduction to the nature and behavior of light. Demonstrates how light rays are reflected and explains such terms as luminous, transparent, translucent and opaque. (McGraw-Hill) el
LIGHT; PHYSICS

Light and What It Does.
11 min, Color, 1963 . . . . $7.00
Demonstrates, through a series of simple experiments, how light travels; how it is affected by different materials; what causes reflection and refraction and how light is used in many everyday activities. (EBEC) el
LIGHT; SCIENCE–GENERAL

Light Here Kindled.
26 min, Color, 1966 . . . . $13.00
Re-creates the journey of the Pilgrims to the New World and their struggle for survival after they arrived, using scenes aboard an exact replica of the Mayflower and at Plymouth Plantation. (WGN; IFB) jh, sh, c
U.S.–HISTORY: COLONIAL PERIOD

Light: Illumination and its Measurement.
14 min, B&W, 1961 . . . . $4.00
This film illustrates the common sources of artificial light and explains their operation. It describes in detail the measurement of light, including luminous intensity, luminous flux and illumination. Other basic terms such as candlepower, lumen and foot-candle are fully explained and demonstrated. (Coronet) jh, sh
LIGHT; PHYSICS

Light: Lenses and Optical Instruments.
14 min, B&W, 1961 . . . . $4.00
This film explains in detail the principles by which lenses function. The similarity of a simple camera to the human eye is shown. We see the effects of different lens curvatures and of systems of lenses. Practical applications of the properties of lenses are discussed in eye-glasses, the microscope, the telescope, and other optical instruments. (Coronet) jh, sh
LIGHT; PHYSICS

Light: Reflection.
14 min, B&W, 1961 . . . . $4.00
The laws of reflection and the formation of images are shown in detail in this film. The film illustrates the different types of reflection and demonstrates the formation of real and virtual images in plane mirrors, convex and concave mirrors, and in parabolic mirrors. (Coronet) jh, sh
LIGHT; PHYSICS

Light: Refraction.
14 min, B&W, 1961 . . . . $4.00
How and why light changes direction, or is refracted, when it passes from one substance to another is graphically illustrated in this film by laboratory demonstration and animation. The film explains Snell's law for determining the index of refraction, and shows how the laws of refraction are applied in the use of lenses. (Coronet) jh, sh
LIGHT; PHYSICS

Light: Wave and Quantum Theories.
14 min, B&W, 1961 . . . . $4.00
This film clearly demonstrates the accepted theory of light as consisting of both a wave motion and of discrete bundles, or quanta, of energy. Young's double-slit experiment is performed to show the wave character of light, while the photoelectric effect indicates that light consists of energy quanta. The Compton effect and other major experiments associated with the present theory are shown in laboratory demonstrations aided by animation. (Coronet) jh, sh
LIGHT; PHYSICS

Lightning and Thunder.
11 min, Color, 1967 . . . . $7.00
Shows what causes lightning, how it behaves, and safety practices to avoid injury by lightning in a thunderstorm. (Coronet) el
WEATHER

Line.
6 min, Color, 1954 . . . . $6.00
Variations in the qualities of lines may be found in nature–in lines on rocks, on a tiger, and in the trail made by a snail. Combining imaginative photography with animation, this film clarifies line movement and suggests to children .the creative possibilities of materials such as thread, rope and yarn.
ART–STUDY AND TEACHING

Line Is A Line Is A Line.
5 min, B&W, 1973 . . . . $3.00
An animated film in which the screen becomes a blackboard and white lines create a rapidly changing variety of pictures. (IFB) jh, sh, c, a
MOTION PICTURES, EXPERIMENTAL

Lines–Vertical and Horizontal.
13 min, Color, 1963 . . . . $7.00
Shows pure non-objective art in which design and music are inseparable, as originated by Norman McLaren and Evelyn Lambart. (IFB) jh, sh, c
MOTION PICTURES, EXPERIMENTAL

Lion.
11 min, Color, 1972 . . . . $7.00
Close-up photography shows the lion as he eats, sleeps and plays with female and cubs in his natural habitat. (EBEC) el, jh
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Liquid Lore.
20 min, Color, 1948 . . . . $3.50

The film uses scenic beauty to emphasize contrasts between water and alcohol, points out important uses of alcohol in industry and emphasizes its detrimental effects on the body. (WXTU) jh, sh

CHEMISTRY; PHYSIOLOGY

Listen Well, Learn Well.

10 min, B&W, 1951 . . . . $3.50

Listening "like a sponge" – "a grasshopper" – "a turtle" – are ways children in this film characterize their own listening habits as they play listening games. They learn how to pick out important sounds, how to keep listening to sounds, and how visualizing sounds helps to understand them. (Coronet) el

EDUCATION–STUDY AND TEACHING; SOUND; STUDY SKILLS

Listen While You Can (Dangerous Noise I).

21 min, Color, 1973 . . . . $10.00

This film stresses the importance of evaluating noise before it produces hearing loss. The three factors which are important in this evaluation are the intensity, frequency and duration of exposure to the noise. (IFB) sh, a

PUBLIC HEALTH; SAFETY EDUCATION

Listening Skills: An Introduction.

11 min, B&W, 1965 . . . . $3.50

Images suggesting a stream of consciousness vividly illustrate what may be going through it while you listen. Pay attention! Think about what is being said! Respond to the person talking! These specific pointers are repeated in numerous examples to stress listening objectives in different situations. (Coronet) jh, sh

EDUCATION–STUDY AND TEACHING; SOUND; STUDY SKILLS

Liszt and His Music.

13 min, B&W, 1957 . . . . $3.50

The "prince of pianists," a great teacher, a champion of Romanticism–all of these characterize Franz Liszt, whose life and music are presented amid the European capitals where Liszt performed and composed. Re-enactments of his life and romantic scenes recalling those that inspired the composer contribute to an understanding of the man and his music. (Coronet) el, jh, sh

COMPOSERS; MUSIC; MUSICIANS

Literature Appreciation: English Lyrics.

10 min, Color, 1951 . . . . $7.00

The lyrics of Tennyson, Keats, Wordsworth, Shelley, Shakespeare and other English immortals as translated here through the medium of the motion picture will help students develop a new appreciation and understanding of the poets' works. Presented in the film are the Shropshire country as Alfred Housman knew it; the surf at Dover Beach where Matthew Arnold walked; and the magic of an English spring as Robert Browning dreamed of it from abroad. (Coronet) jh, sh, c

LITERATURE; ENGLISH LITERATURE

Literature Appreciation: How to Read Essays.

13 min, B&W, 1952 . . . . $3.50

Such great writers as Lamb, Hunt, Addison, Thackeray and Stevenson, who produced political and humorous as well as philosophical essays, are portrayed at work in their native surroundings. The film emphasizes that for full appreciation an essay should be read with an understanding of the author, his purpose and his style. (Coronet) jh, sh, c

LITERATURE

Literature Appreciation: How To Read Novels.

13 min, B&W, 1953 . . . . $3.50

For enrichment and great appreciation of novels, this film encourages students to find out about the author, to study characterizations closely, and to visualize the setting and action of the story in order to gain pleasure in novel reading and to give improved oral and written book reports. (Coronet) jh, sh, c

LITERATURE

Literature Appreciation: How to Read Poetry.

10 min, B&W, 1952 . . . . $3.50

Enjoying poetry is dependent in part on being skilled in reading poetry. In this film students are shown that understanding the poet, looking for experiences the poet is sharing, and recognizing word devices used to convey the experiences will increase their pleasure in reading poetry. (Coronet) jh, sh

LITERATURE

Little Black Lamb.

10 min, Color, 1955 . . . . $7.00

Tells a delightful story of Mary and her little lamb, a black one, and how it wins a place in Mary's heart. (EBF) el

STORIES; ANIMALS–STORIES

Little Bigots.

10 min, Color, 1973 . . . . $7.00

Using mime techniques, this film emphasizes the destructiveness of judging people by superficial characteristics such as their race, body type, etc. Instead, the film suggests that it's what's inside people that counts. (AIMS) el, jh

CHILDREN'S FILMS

Little Drummer Boy.

7 min, Color, 1971 . . . . $6.00

Shows the excitement felt by all who came to witness the birth in Bethlehem. Expresses the spirit of Christmas and inspires good will throughout the year. (Weston Woods) el

CHILDREN'S FILMS; STORIES

Little Mariner.

21 min, Color, 1966 . . . . $10.00

Music and visuals reveal the dreams and ambitions of a boy as he sails his small boat in the Long Beach harbor. (EBEC) el

CHILDREN'S FILMS

Little Plover River Project.

33 min, Color, 1963 . . . . $13.00

Shows how geologists and engineers collect and interpret data to determine the occurrence, movements, and amount of water available in a particular area; how ground water and surface water are interrelated; and how the effects of various water uses on stream flow and ground-water levels may be predicted. Pictures field crews in action as they conduct tests. It also shows, by means of animated charts and diagrams, how information obtained in the testing is interpreted and used. The film very adequately shows the methodology of research as it follows the field project cooperatively sponsored by the Wisconsin Conservation Department, state and federal Geological Surveys. (Univ. of Wisconsin) c

ENGINEERING; GEOLOGY; RIVERS

Little Red Hen.

10 min, Color, 1950 . . . . $7.00

This film retells the famous fable of a little red hen by means of art and live action. The technique is unique, but to the teacher the value of the film lies in the common class experience it offers, the vocabulary development and the interest it excites in all language activities. (Coronet) el

ANIMALS–STORIES; STORIES

Little Red Lighthouse.

9 min, Color, 1956 . . . . $6.00

Tells the story of a lighthouse who learns he is still useful even if a more powerful light has been installed on the great bridge. (Weston Woods) el

CHILDREN'S FILMS

Little Tom Thumb.

8 min, Color, 1969 . . . . $6.00

The dream of escaping from poverty and unhappiness comes true in an impossible but delightful way when Little Tom Thumb becomes a hero by saving himself and his six big brothers and returning home with treasure and magic boots. (EBEC) el

CHILDREN'S FILMS; STORIES

Little Train of the Caipira.

14 min, Color, 1970 . . . . $8.00

Introduces the Brazilian composer Villa Lobos and his work, through live photography and animation, recreating the entire "The Little Train of the Caipira" suite. Presents Afro-Brazilian percussion instruments, demonstrating their use in this popular musical story. (AIMS) jh, sh, c, a

COMPOSERS; MUSIC

Live and Learn.

12 min, B&W, 1951 . . . . $3.50

Skillfully illustrates some of the most common accidents that happen to youngsters when they act first and think afterwards. Produced by Sid Davis Productions, the film points up the dangers of jumping from a high place, playing with fire, playing in the street, standing in a canoe, running with scissors, and playing with guns. (EBF) el

GUIDANCE, PERSONAL

Live Teddy Bears.

10 min, B&W, 1947 . . . . $3.50

In Live Teddy Bears, children learn how Koala, an almost extinct little wild animal, eats and sleeps, travels about in the tree-tops, and defends itself from its enemies. First a little boy and girl are shown playing with Koala in an Australian park. Then the scene shifts to the wild country where the Koala lives in eucalyptus trees whose spicy leaves supply both food and water. The Kookoburra bird and the wallaby, other wildlife unique to

Australia, are also shown. (EBF) el, jh
AUSTRALIA; ANIMALS–HABITS AND BEHAVIOR

Lively Art of Picture Books.
57 min, Color, 1964 . . . . $19.00
The qualities that lend vitality to good picture books are examined through interviews with Barbara Cooney, Robert McCloskey and Maurice Sendak. Samples of the works of 36 illustrators are shown plus the complete animated version of "A Snowy Day" by Ezra Keats. (Award Winner.) (Weston Woods) c
AUTHORS, AMERICAN; EDUCATION–STUDY AND TEACHING; ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Living Bird.
14 min, Color, 1961 . . . . $8.00
The bird as a living creature, its metabolism, and the senses of sight, smell and hearing are examined, as well as physical adaptations to the types of food eaten. Courtship of birds is illustrated, and the little known story of the relationship of nesting territory to the songs of birds is described. Close-ups show nest building and hatching of eggs. (DEU; IFB) jh, sh, c, a
ANIMALS–HABITS AND BEHAVIOR; BIRDS

Living Mammal.
17 min, Color, 1961 . . . . $8.00
Defines mammals in biological terms, illustrates how different species adapt themselves to different kinds of environments, and portrays members of different species in their natural habitat. (DEU; IFB) jh, sh
ADAPTATIONS (ANIMALS); BIOLOGY

Living with the Atom.
27 min, Color, 1960 . . . . $13.00
This film traces the atomic age from the morning in 1945 when first nuclear explosion occurred on the New Mexico desert. Scarcely known names of Hiroshima, Nagasaki, Bikini, Eniwetok and Yucca Flats became stepping stones for a giant that threatens our very civilization. (Moody Institute of Science) sh, jh, c
ATOMIC BOMBS; ATOMIC ENERGY

Living World of the Sea: Breath of Life.
12 min, Color, 1969 . . . . $7.00
Breathing underwater is not easy even for sea creatures. This extensive research film portrays the principle of counter-current exchange (how oxygen is taken from water while carbon dioxide is given off). Also investigates the mystery of drowning fish. (Award winner.) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Capture of a Smile.
12 min, Color, 1969 . . . . $7.00
The complete story of the capture of a dolphin along with the study of physical and other characteristics of this intelligent creature: use of blowhole for communications, its effective "sonar" action, behavior patterns in the wild, and its willingness to work with man. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Egg into Animal.
12 min, Color, 1969 . . . . $7.00
Traces the life cycle and total environment of the skate. A blend of natural environment and laboratory photography, it makes effective use of animation to accentuate many life functions not otherwise visible. Film details external anatomy and internal organs of reproduction and digestion: embryonic development and fertile egg to fully developed baby. (Award winner) (Reela Ed. Films; CCM) jh, sh
MARINE BIOLOGY; REPRODUCTION

Living World of the Sea: Fish–Master of Movement.
12 min, Color, 1969 . . . . $7.00
Although many sea creatures seem to move effortlessly, the mechanics of their locomotion can be quite complex and beautiful. The film is a detailed, visual exploration of fish moving within their natural environment. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Homely Mollusk.
12 min, Color, 1969 . . . . $7.00
Describes the physical characteristics of the octopus and their relationship; arms, suckers, head, mantle, gills, funnel, skin. Feeding habits. Defense mechanisms, including ability to change skin color and paralyze attacker's sense of smell. Reproduction characteristics and cycle. Attack by its mortal enemy, the moray eel, is vividly portrayed. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Phyla.
12 min, Color, 1969 . . . . $7.00
From protozoa to chordates, exacting micro-photography and macro-photography trace the development of animals from the most simple forms to the most advanced. Many unusual specimens appear along the trail from sea creatures to man. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Sea Horse.
12 min, Color, 1969 . . . . $7.00
External anatomy, feeding and birth of young, time-lapse microscopic scenes of developing embryos, macroscopic scenes of newborn. Function of air bladder and graphic animation of this apparatus, and the counter-current exchange system. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY; REPRODUCTION

Living World of the Sea: Strange Partners.
12 min, Color, 1969 . . . . $7.00
Explanation of mutualism, commensalism and parasitism with natural scenes showing each of the categories of symbiosis. Unusual scenes of pearl fish entering anal cavity of the sea cucumber; the neon goby cleaning the gills and mouth of the Moray eel. Ecological effects of "cleaning stations" upon the area. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: Survival Factor.
12 min, Color, 1969 . . . . $7.00
Covers in broad terms through microphotography and macrophotography the defense mechanisms of sea creatures in deep water and in the benthic environment. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

Living World of the Sea: To Catch A Meal.
12 min, Color, 1969 . . . . $7.00
Wide-ranging study of eating patterns of several species: the barnacle that snares the cilia, the angler that lures the victim, the sea horse's use of vacuum and the man-of-war's use of venom. Others shown in detail are the octopus and a number of predators and scavengers. (Award winner) (Reela Ed. Films; CCM) jh, sh
FISHES; MARINE BIOLOGY

London: The City and the People.
13 min, Color, 1965 . . . . $7.00
Built up along the banks of the River Thames, London is Europe's largest city. This film explores the sights and sounds of the city as a center of government, commerce, culture, banking, transportation, and history. London emerges as an unique city whose people play an important role in world manufacture and trade. (Coronet) el, jh
ENGLAND

Lonely Dorymen.
51 min, Color, 1968 . . . . $19.00
Tells the story of the Portuguese cod fishing fleet which uses outmoded methods and traditions, including use of one-man dories, but competes against modern Russian and U.S. fleets. (National Geographic; Films Inc.) sh, c, a
PORTUGAL; FISHING

Long Hour's Walk.
26 min, Color, 1974 . . . . $36.00
With Father Rene Garcia, a rebel Roman Catholic priest, as a guide, the viewer learns how eighty-five percent of the population of Colombia lives. Peasants earn twenty-five cents a day and must work three weeks simply to earn enough money to buy a shovel. When a peasant leaves the country for the city, he substitutes one kind of poverty for another. Boys become beggars and girls turn to prostitution to support their families. In the face of poverty, hunger, illness, and premature death, can there still be hope? (Sumner Glimcher; Mass Communications, Inc.) sh, c
ANTHROPOLOGY; SOCIOLOGY; SOUTH AMERICA

Long Journey West: 1820.
15 min, Color, 1962 . . . . $8.00
Relates through the narration of a boy's diary and folk music a family's thousand mile trip in 1820 from Massachusetts to Illinois. The film story includes preparations for the move, needed tools and supplies, packing the wagon, different means of overland transportation, types of accommodations, road conditions, toll and corduroy roads, and a trip on a flatboat down the Ohio River. Maps are used to point out the three roads west and as a means of following the journey. (Indiana University) el, jh
FRONTIER AND PIONEER LIFE; TRANSPORTATION

Long Time to Grow, Part I: Two & Three Year Olds in Nursery Schools.
35 min, B&W, 1951 . . . . $6.50
Concerns two and three year old children in a nursery school. Shows their learning behavior and activities through the day and various seasons of the year. (Vassar College) c
INFANTS (FROM BIRTH TO TWO YEARS OF AGE); CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Long Time to Grow, Part II: Four & Five Year Olds in School.
35 min, B&W, 1954 . . . . $6.50
Shows children ages four and five at work and play at the Vassar College Nursery School and the Poughkeepsie Day School. (Vassar College) c
CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Lonnie's Day.
14 min, Color, 1969 . . . . $8.00
The daily routine of a Negro boy in a housing project is documented without narrative comment. (New Document; Coronet) el
BLACK AMERICANS; CHILDREN'S FILMS

Look in the Answer Book.
11 min, Color, 1972 . . . . $7.00
In this "musical" film a boy and girl learn that answers to their many questions are held in the "Answer Book"–represented by all books in a library. (EBEC) el
LIBRARIES

Look to the Land.
21 min, Color, 1953 . . . . $10.00
This timely film provides a forceful reminder of the ultimate dependence of all our people on the resources of America's land, forests and water. It skillfully documents some of the tragic consequences of our neglect of these resources. It calls attention with interesting animated drawings to carefully made plans of proposed programs for development. In conclusion, the film emphasizes the necessity for recognizing the relationship of things in nature to each other. (EBF) jh, sh, c, a
NATURAL RESOURCES; SOIL CONSERVATION

Looking at Amphibians.
11 min, Color, 1965 . . . . $7.00
Using frogs, toads, and salamanders for examples, the film shows how amphibians are adapted to spend their early life in water and their adult life on land. (EBF) el
AMPHIBIA; ZOOLOGY

Looking at Animals Series: Cattle.
15 min, Color, 1973 . . . . $8.00
Various kinds of cattle are shown and compared. Included are Jersey, Guernsey, Ankole, and Holstein cattle, the Cape Buffalo, oxen of Mexico and India, African cattle, the Highland steer, the Yak, and the Bison. Of particular interest are the sequences dealing with milking by hand and by machine, and the actual birth of a calf. (IFB) el, jh, sh
ANIMALS, DOMESTIC

Looking at Animals Series: Elephants.
10 min, Color, 1973 . . . . $7.00
Asian and African elephants are compared, and are shown living in the wild, working in captivity, and on display in zoos. Elephants use their trunks in various ways, and many of these are demonstrated in the film. (IFB) el, jh, sh
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Looking at Animals Series: Pigs and Hippos.
13 min, Color, 1973 . . . . $7.00
The physical appearance, natural habitat, and feeding habits of domesticated pigs, wild boars, wart hogs, and peccaries are described. Pigs are compared to hippos, and the unique ability of hippos to stay submerged in water is demonstrated. (IFB) el, jh, sh
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Looking at Animals Series: Rhinos.
8 min, Color, 1973 . . . . $6.00
The African and Indian varieties of rhinoceros are compared, including their physical make-up, their native habitats, and their methods of caring for the young. (IFB) el, jh
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Looking for Me.
28 min, B&W, 1958 . . . . $3.50
Janet Adler, a dance therapist, works with both normal and disturbed subjects, to develop body awareness. Body movement as a medium of communication can be utilized as a form of therapy. (Distribution limited to Connecticut users only.) (Maurice Falk Medical Fund; U. of California) c, a
DANCE; SOCIAL SERVICE

Loom Weaving.
6 min, Color, 1951 . . . . $6.00
Shows Harry building a small loom and setting it up with his art teacher's help. He then makes a three-color scarf while other children work on a variety of pieces. Emphasizes the enjoyment of weaving. (IFB) jh, sh, c
ARTS AND CRAFTS

Loon's Necklace.
10 min, Color, 1949 . . . . $7.00
Brings to life a charming Indian legend of how the loon, a water bird, received his distinguishing neckband. Authentic ceremonial masks, carved by Indians of British Columbia, establish the characters of the story and clearly portray the Indian's sensitivity to the moods of nature. Rich color photography, delightful narration, and effective background music make this a thoroughly charming film. (Crawley Films Limited; EBF) jh, sh, c
FOLKLORE

Loops.
3 min, Color, 1948 . . . . $6.00
An early experimental film by Norman McLaren in which sound and visuals are drawn directly on the film. (NFBC; IFB) sh, c
MOTION PICTURES, EXPERIMENTAL

Louisa May Alcott.
17 min, B&W, 1950 . . . . $4.00
Writer of stories for young people, nurse, and reformer. Displayed untiring industry and ambition, sense of humor, and practicality. (EBF) el, jh, sh, c, a
AMERICAN LITERATURE; AUTHORS, AMERICAN

Louisiana Purchase–Key to a Continent.
16 min, B&W, 1955 . . . . $4.00
When Spain closed the port of New Orleans to American flatboatmen President Jefferson determined to buy the city. Monroe's mission to Paris to buy New Orleans and Napoleon's attitude toward the New World led to the purchase of the whole Louisiana Territory, an area extending from the Gulf of Mexico to Canada and from the Mississippi to the Rocky Mountains. (EBF) el, jh, sh
U.S.–HISTORY: 1783-1900

Louvre: A Golden Prison.
45 min, Color, 1966 . . . . $16.00
To present the history of the Louvre and a survey of French civilization as seen through the Louvre; as well as show some of the art treasures preserved there. Over 700 years of French history are embodied in the vast ex-fortress, ex-palace, museum of the Louvre. Charles Boyer, as narrator and guide, reveals the architectural alterations to the structure over the centuries, the additions to the art collection, and the events in the lives of the French monarchs and governments who made these changes. (NBC; EBF) jh, sh, c, a
ART; ART–GALLERIES AND MUSEUMS; ART–STUDY AND TEACHING

Love That Car.
10 min, Color, 1967 . . . . $7.00
Highlights the importance of automobile maintenance. The viewer is treated to a funny look at the consequences of carelessness and failure to follow a few steps of preventive maintenance. (AIMS) jh, sh
CONSUMER EDUCATION

Lover's Quarrel with the World.
40 min, B&W, 1967 . . . . $8.00
A documentary on the late Robert Frost. (Multi-award Winner) (Hughes & Zerwin; Pyramid Films) jh, sh, c, a
AMERICAN AUTHORS; POETRY

LSD: Insight or Insanity.
28 min, Color, 1968 . . . . $3.50
Stresses that unsupervised use of LSD, outside the medical setting, is very dangerous and can lead to serious and perhaps permanent brain damage and personality destruction. Leading doctors, scientists, and geneticists discuss the newly-found effects of LSD upon the chromosomes in the human body. The film shows actual fetal damage of hamsters. It presents nonargumentive, objective, irrefutable facts for which no valid argument can be raised by any teen-ager or misguided adult. (Medi-Cine Prod., BFA) jh, sh, c, a
PHYSIOLOGY; SOCIAL PROBLEMS; DRUG EDUCATION

Lunar Bridgehead.
28 min, Color, 1964 . . . . $3.50
The film presents on the spot coverage of the events surrounding the launch and successful flight of the Ranger VII spacecraft. Ranger VII transmitted to earth over 4,000 high-resolution photographs as it approached the lunar surface, some of which are included in this film. (National Aeronautics and Space Administration) jh, sh, a
SPACE FLIGHT

M

Machines Do Work.
11 min, B&W, 1949 . . . . $3.50
Designed as one of the Elementary Science series, this film introduces the concept of Simple Machines. Discusses the lever, the inclined-plane, the pulley, and the wheel and axle. Shows how machines help make our everyday life easier. (McGraw-Hill) el
POWER (MECHANICS)

Madison School Plan.
18 min, Color, 1973 . . . . $10.00
Describes an innovative Learning Center concept providing for the education of exceptional children in a setting allowing the free flow of children between the regular classes and the specialized faculty (Learning Center). Shows the elimination of traditional disability grouping for all but administrative purposes, and illustrates the instructional program. (AIMS) c
EDUCATION, SPECIAL

Madrid – Capital De Espana.
18 min, Color, 1969 . . . . $10.00
Presents most typical and most famous locations, buildings and monuments of Madrid. (IFB) jh, sh
SPANISH LANGUAGE

Magazines to Transparencies.
12 min, Color, 1958 . . . . $7.00
Demonstrates how classroom teachers can make slides or large transparencies from magazine illustrations. (Florida State U; IFB) sh, c, a
AUDIOVISUAL MATERIALS–PRODUCTION

Magic Hands.
7 min, Color, 1969 . . . . $6.00
In four situations, four different children are suddenly granted Magic Hands that can make frozen cones multiply, turn bullies into frogs, and solve other problems magically. (EBEC) el
CHILDREN'S FILMS

Magic of Communicating.
11 min, Color, 1968 . . . . $7.00
Illustrates the development of the child's language skills and the interdependence of listening, speaking, reading and writing. (Shaw Productions) el
COMMUNICATIONS; LANGUAGE AND LANGUAGES–STUDY AND TEACHING

Magic of Reading.
11 min, Color, 1969 . . . . $7.00
Designed to motivate non-readers to read better, and to encourage children to use the library. (Shaw Productions) el
READING; LIBRARIES

Magic of Sulphur.
20 min, Color, 1961 . . . . $3.50
Describes by actual photography and animation the production operations and uses of sulphur. (USBM) jh, sh, c
CHEMISTRY

Magic Prison.
35 min, Color, 1969 . . . . $13.00
A dramatized "dialogue" of letters between Emily Dickinson and a stranger, Colonel T. W. Higginson, reveals the unique qualities of mind and character of the American poet. Archibald MacLeish selected the poems and introduces the film. (EBEC) sh, c
AMERICAN AUTHORS; POETRY

Magic Sneakers.
9 min, Color, 1969 . . . . $6.00
A boy finds a wondrous pair of Magic Sneakers–but an evil blue monster wants to take them away from him. (EBEC) el
CHILDREN'S FILMS

Magna Carta–Part I – Rise of the English Monarchy.
17 min, Color, 1959 . . . . $8.00
Traces the history of England from the Norman invasion in 1066 to the crowning of King John in 1199. The background of feudalism–against which the drama of English kings and barons was played–sets the scene for the famous meeting at Runnymede. (EBF) sh, c
ENGLAND; EUROPE–HISTORY: 476-1492

Magna Carta–Part II – Revolt of the Nobles and the Signing of the Charter.
17 min, Color, 1959 . . . . $8.00
Dramatizes the events after the crowning of John which brought the conflict between Kings and Barons to a climax–and resulted in the drafting of one of the imperishable documents of the English-speaking world: Magna Carta. (EBF) sh, c
ENGLAND; EUROPE–HISTORY: 476-1492

Magnetism of Magnets.
11 min, Color, 1966. . . . . $7.00
To provide the student with a minimum of concepts and a maximum of motivation for self-discovery and self-realization of magnetism concepts. A boy who temporarily exchanges his pet frog for a magnet experiments with its physical properties. He discovers that a magnet attracts some metals and not others; that magnetism can pass through materials; that magnets may either attract or repel each other and affect the reading of a compass. Narration is minimized, but does include some questions which are answered by the boy's experiments. (Charles Cahill & Associates) el
PHYSICS

Magnets for Beginners.
11 min, B&W, 1965 . . . . $3.50
Simple, step-by-step experiments show what materials magnets do or do not attract, what a magnetic field is, what poles are, and how magnetic force can pass through certain objects. A needle is made into a magnet and then used as a compass. A unique experiment shows the magnetic field in three dimensions, using iron filings suspended in glycerin. (Coronet) el
PHYSICS

Mahatma Gandhi.
19 min, B&W, 1955 . . . . $5.00
Out of documentary material photographed during the first fifty years of this century, a film was shaped recreating the life and work of the great philosopher and statesman, Mahatma Gandhi. (EBF) jh, sh, c
BIOGRAPHY; INDIA

Mahatma Gandhi: Silent Revolution.
38 min, Color, 1969 . . . . $13.00
Provides background materials for the study of modern India and its social, economic and agricultural problems. (IFB) sh, c
BIOGRAPHY; INDIA

Maitre.
11 min, Color, 1967 . . . . $7.00
This animated film is an abstract expression of the dilemma of the artist in his search for recognition. The source and progress of artistic inspiration are explored as well as the artist's reactions to his own failure and success. (Weston Woods) jh, sh, c
ART

Major Religions of the World.
20 min, Color, 1953 . . . . $10.00
This film focuses on five great religions–Hinduism, Buddhism, Judaism, Christianity, and Islamism. Symbolic drawings introduce some of the basic concepts around which man's belief in God has been fashioned. (EBF) sh, c, a
RELIGION

Make A Mighty Reach.
45 min, Color, 1966 . . . . $16.00
Covers a variety of educational innovations being tried out by various public schools throughout the nation. It documents the changes taking place in curriculum design, new methods of teaching, the use of instructional media, the non-graded school, the emphasis on self-discovery and independent methods of learning, and the innovations in the design and use of the library and classroom. This film will be of interest to professional and non-professional groups who are interested in assessing current trends in education. (Charles K. Kettering Foundation; Institute for Development of Educational Activities) c, a
EDUCATION–AIMS AND OBJECTIVES

Make Way for Ducklings.
11 min, Color, 1955 . . . . $7.00
The hazards of city living for a family of ducks. The Mallard family take up residence in Boston's Public Garden. (Weston Woods) el
ANIMALS

Makeup for the Theater.
15 min, Color, 1951 . . . . $8.00
Demonstrates step-by-step the application of stage makeup to both female and male faces. After cleansing, grease paint is applied as a base to the face. The steps are then demonstrated in this order and materials identified; rouge, eye-shadow (color liner), eyebrow pencil including making the wedge, lip rouge, talcum, and brushing the finished makeup. Theater makeup is greatly affected by stage lighting, and this point is emphasized. (U.C.L.A.) sh, c
DRAMA

Making a Sound Film.
13 min, Color, 1973 . . . . $7.00
Explains some of the procedures followed in recording, editing and mixing sound. Synchronized dialog, voice-over-narration, music, and sound effects are discussed. (IFB) sh, c, a
AUDIOVISUAL MATERIALS–PRODUCTION; MOTION PICTURES

Making Electricity.
11 min, B&W, 1955 . . . . $3.50
Demonstrates how electricity is made by moving a coil of wire through the field of a magnet. Explains first how a small, hand-powered generator is constructed and operates; then illustrates how the same principle applies in generating electricity at a large hydro-electric plant, to be carried over power lines to the consumer. (EBF) el
ELECTRICITY

Making Haiku.
9 min, Color, 1972 . . . . $6.00
A montage of images and sounds from nature arouses imaginations. Children's drawings coupled with youngsters spontaneously reading their own poems explain how to write in this concise poetic form. (EBEC) jh
POETRY

Making of a Live TV Show.
26 min, Color, 1971 . . . . $13.00
An informative behind-the-scenes view of the 1971 Emmy Award Show on NBC. Includes: planning sessions, rehearsals, and the actual broadcast. (Charles Braverman; Pyramid Films) sh, c, a
COMMUNICATION; TELEVISION

Making of a Mural.
11 min, Color, 1947 . . . . $7.00
Thomas Hart Benton demonstrates the essential steps in planning and completing a mural composition. Depicts Mr. Benton's methods of achieving the three-dimensional effects and brilliant coloring which characterize his work. (EBEC) jh, sh, c
ART–STUDY AND TEACHING

Making Of A President, 1960.
82 min, B&W, 1969 . . . . $10.00
Based on Theodore White's book, centers on John F. Kennedy's presidential campaign with close-ups of the seven original candidates. (Emmy award winner) (Metromedia; Films, Inc.) sh, c, a
U.S.–HISTORY: 1898-; U.S.–POLITICS

Making Of A President, 1964.
82 min, B&W, 1964 . . . . $10.00
Based on Theodore White's book, presents the behind-the-scenes chronology of the 1964 presidential campaign. (Multi award winner) (Metromedia; Films, Inc.) sh, c, a
U.S.–HISTORY: 1898-; U.S.–POLITICS

Making Sense With Outlines.
11 min, B&W, 1958 . . . . $3.50
A planned visit to a fruit farm leads a class to organize their questions in outline form. Reasons for a breakdown of the subject matter into major topics and sub-topics with the proper lettering and punctuation are emphasized. The outline led to greater enjoyment of the field trip and, later, to organizing other subjects of class interest. (Coronet) jh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Making Sense With Sentences.
10 min, B&W, 1950 . . . . $3.50
Why should we use complete sentences when we write? Often we do not speak in complete sentences, yet we are understood. What is a complete sentence, anyway? These and other questions about "complete thoughts" and how they are expressed, are answered in this film. (Coronet) el, jh, sh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Making The Desert Green.
16 min, B&W, 1967 . . . . $4.00
A case study for the Pacific Southwest region, this film introduces the concept of water management and scientific farming to children. Shows the method of irrigation used in the Coachella Valley, California, which has changed this dry soil into the richest farm land acre for acre in the world today. (EBEC) el, jh
AGRICULTURE; WATER AND WATER SUPPLY; DESERTS

Making Yourself Understood.
14 min, B&W, 1953 . . . . $4.00
World problems stem from the problem of communication. This film employs a simple case study to analyze basic factors: predispositions of the communicator and of the audience, content and style of the message. We evaluate and criticize forms of communication so that we can become better communicators and better listeners. (EBF) jh, sh
COMMUNICATION; SPEECH

Mammals and Their Characteristics.
11 min, B&W, 1966 . . . . $3.50
What do the anteater and the seal have in common? They both have some kind of hair and nurse their young. When vertebrates have these two characteristics, we classify them as mammals. The great diversity of mammals is illustrated by representative members of the major groups–carnivores, rodents, ungulates, marsupials, and primates. (Coronet) el, jh, sh
ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY

Mammals Are Interesting.
12 min, Color, 1953 . . . . $7.00
Defines the concepts needed to understand the distinguishing characteristics of mammals. Includes close-up views of some forty different animals. Points out the differences between vertebrates and invertebrates, cold-blooded and warm-blooded animals; and classifies several well-known groups of mammals. (EBF) jh, sh
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR

Man Against Fire.
28 min, Color, 1969 . . . . $3.50
The story of man's fight to save forest resources from destruction by wildfire. Federal, State, and local cooperative fire control measures protect our Nation's water supply, timber, wildlife, recreation areas, and scenic wonders of the forests. (Cleared for TV) USDA) el, jh, sh, c, a
FIRE PREVENTION; NATURAL RESOURCES

Man and His Culture.
15 min, B&W, 1954 . . . . $4.00
In the imaginative form of a "Report From Outer Space," this film shows how the earth might appear to visitors from another planet. It examines the many different cultures on the earth's surface and the reasons for these differences. It also considers the things which most cultures have in common, the ways in which cultures are transmitted from one generation to the next, and the ways in which they change. (EBF) sh, c, a
SOCIOLOGY

Man and Other Animals: Animals in Ambroseli Game Park.
20 min, Color, 1968 . . . . $10.00
Documents the natural life setting of the Ambroseli Game Park in Kenya. Provides an expository study of animals in various rural settings and landscapes, at rest and at play, and in general social interaction with other animals. Traces animal life in the struggle for existence from dawn to dusk. Part of the Anthropology series, *Man, A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man and Other Animals: Baboon Troop.
23 min, Color, 1968 . . . . $10.00
This documentary studies the life patterns of the baboon species in the setting of the Ambroseli Reserve Game Park in Kenya. Examines the sophisticated hierarchy established within the baboon community. Distinctions are drawn between baboons and monkeys in life habits, and the particular role baboons assume in their struggle for survival is depicted through actual encounters with their predators. Power struggles among baboons and the maternal instincts of adult females are similarly explored. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man and Other Animals: Evening Activity.
6 min, Color, 1968 . . . . $6.00

The evening at Ambroseli Reserve in Kenya provides environmental cues to the baboon which adjust his behavior. Provides a graphic exposition of a baboon's familial activities during the evening hours. The baboons gather together at the base of a tree, playing with one another and caressing the mother. Part of the Anthropology series, *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man and Other Animals: Herring Gull Behavior.
10 min, Color, 1968 . . . . $7.00
Documents the life cycle and patterns of the herring gull. The physical differences between the sexes are noted. Covers the courtship, mating, incubation, and hatching processes. Care of the young is stressed in terms of the "survival-of-the-fittest" concepts. Part of the Anthropology series, *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; ANTHROPOLOGY; BIRDS

Man and Other Animals: Life Cycle of the Salmon.
10 min, Color, 1968 . . . . $7.00
Documents the life cycle of the salmon in the streams of western North America. Every year the salmon leaves the Pacific Ocean and heads back upstream to the place where it was born. The building and protection of the egg nest by the female is illustrated. Studies the growth of the salmon embryo in the stream, simultaneous to the death of the aging salmon who have completed their role in the life cycle. Part of the Anthropology series, *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; ANTHROPOLOGY; FISHES

Man and Other Animals: Observing Baboons From a Vehicle.
6 min, Color, 1968 . . . . $6.00
Covers a short trip by jeep into the baboon region of the Ambroseli Reserve in Kenya. The relative lack of agitation in the baboon camp reveals their passivity to foreign elements in their environment which do not pose a threat to their security. No narration. Part of the Anthropology series, *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man and Other Animals: Older Infant–Four Months to One Year.
8 min, Color, 1968 . . . . $6.00
Stresses the growing independence the young baboon expresses as he matures. Filmed at Nairobi Park, the baboon infant becomes more playful and deft as his urge to explore expands beyond the immediate range of his mother. It is observed, however, that any stressful situation imposed on this maturing infant will still send him back to his mother's sensitive protection. Part of the Anthropology series: *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man and Other Animals: Young Infant–Birth to Four Months.
10 min, Color, 1968 . . . . $7.00
The baby baboon devotes his early life to the protection and care he receives from his mother. Filmed at Ambroseli Reserve, the mother is seen to be maternally-inclined: nervous, cautious, sympathetic and protective of the baby's needs. The baby is gradually phased into contact with other juveniles. But for the most part, his first months are dependent on his mother and other female adults. Part of the Anthropology series, *Man: A Course of Study.* (Education Development Center; UEVA) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; AFRICA; ANTHROPOLOGY

Man Enough For the Job.
25 min, Color, 1961 . . . . $3.50
This film dramatically portrays the purposes and practices of 4-H Clubs in rural America, and their contribution to a healthful and satisfying community life for their members. (Sam Orleans Film Production, Inc.) jh, sh, a
GUIDANCE, PERSONAL

Man in the Renaissance.
30 min, Color, 1973 . . . . $3.50
Uses painting, sculpture and architecture to indicate ethos of Italian Renaissance world and its contribution to modern Western civilization. (U CONN) sh, c, a
ART; HISTORY; ITALY

Man of the Serengeti.
52 min, Color, 1972 . . . . $19.00
Documents the traditional life-style of the Masai who live in East Africa. Points up the effect of modern civilization on their way of life. (National Geographic Society; Films Inc.) el, jh, sh, c, a
AFRICA; ANTHROPOLOGY

Man Uses and Changes the Land.
11 min, Color, 1967 . . . . $7.00
How man enriches the soil, builds dams and develops new uses for the land to provide food, clothing, and shelter. (Coronet) el
SCIENCE, GENERAL

Manic State (Mental Symptoms No. 8).
15 min, B&W, 1951 . . . . $4.00
A demonstration of typical symptoms of the hypomanic state. A patient is presented exhibiting characteristic symptoms of the chronic manic state. The triad of symptoms which reflect exaggeration of otherwise normal moods of behavior: over-activity, increased and accelerated ideation. For professional use only. (NFBC; McGraw-Hill) c
PSYCHOLOGY

Manuel from Puerto Rico.
14 min, B&W, 1968 . . . . $4.00
14 min, Color, 1968 . . . . $8.00
Presents a young alien's problems of adapting to life in a low-income, urban housing project; the conflict of two cultures. Viewers will gain a better understanding of the life and problems of young immigrants. (EBEC) el, jh
GUIDANCE, PERSONAL; PUERTO RICO; SOCIAL STUDIES

Maps And Their Uses.
10 min, B&W, 1951 . . . . $3.50
A variety of special-purpose maps are presented in this film, which provides an introduction to the study of special symbols in maps. How to read a map is shown by describing a scale of distances, a grid and legend. Then uses of contour maps for understanding the various topographical formations point out the importance of maps in everyday living. (Coronet) el, jh
MAPS AND GLOBES

Maps Are Fun.
10 min, B&W, 1963 . . . . $3.50
In preparing a map to help Dick take over Ronnie's paper route, the boys encounter some of the fundamental problems of map making. An experienced cartographer then helps them prepare their map, explaining to them legend, scale, grid, uses of color, and types of maps. (Coronet) el, jh
MAPS AND GLOBES

Maps For A Changing World.
11 min, B&W, 1960 . . . . $3.50
Describes the evolution of world map concepts, and how the airplane has drastically reduced travel time and distances. Sequences included are: the problem of map projection distortion, early maps and globes, latitude, longitude, Mercator's, Mollweide's and Goode's projections, distance contrasts between points on the globe by land, water and air travel routes. The film is of special significance in the light of current world developments. (EBF) jh, sh, c, a
MAPS AND GLOBES

Maps–Where Am I? (2nd Edition).
11 min, Color, 1971 . . . . $7.00
An introductory approach to the understanding of maps–direction, symbols, scale. Aerial photography, graphic comparisons, and animation supplement live action. (AIMS) jh
GEOGRAPHY; MAPS AND GLOBES

Marathon: The Story of the Young Drug Users.
51 min, B&W, 1969. . . . . $9.50
Filmed during a grueling thirty hour marathon therapy session at Daytop Village on Staten Island where the residents reveal themselves in stories of their addiction. (ABC News; Films, Inc.) sh, c, a
NARCOTICS; SOCIAL PROBLEMS; SOCIOLOGY

Mark Antony of Rome.
25 min, B&W, 1948 . . . . $5.00
"Mark Antony of Rome," adapted from the photoplay *Cleopatra,* traces the part played by Caesar's impetuous lieutenant in the crucial period which preceded the rise of Octavian to power. Throughout the film, sets and costumes accurately establish the background of the period. All representations of ancient architecture, the civil and military dress, and the machines and ships of war are based upon careful research. The characterizations are well delineated and highlight the historical development in terms of the personalities involved. Particularly valuable for purposes of enrichment are the scenes of Caesar's

triumph, the assassination in the Senate, and the Battle of Actium. (TFC) jh, sh, c
EUROPE–HISTORY: TO 476; STATESMEN

Marcel A Paris.
24 min, Color, 1970 . . . . $10.00
A nine-year-old boy playing at the Tuileries in Paris wants to ride in a helicopter he sees flying overhead. (IFB) jh, sh, c
FRENCH LANGUAGE

Marching the Colours.
3 min, Color, 1942 . . . . $6.00
Gug Glover's impressionistic reaction to the march of the same title. (NFBC; IFB) el, jh, sh, c, a
MUSIC; PATRIOTISM

Marco Polo's Travels.
19 min, B&W, 1955 . . . . $5.00
Recreates adventures that Marco Polo described in his book about his travels, and indicates the impact upon medieval Europe of his detailed account of life in other lands. (EBF) el, jh, sh
BIOGRAPHY; CHINA

Marguerite A La Ferme.
15 min, Color, 1962 . . . . $8.00
Describes the activities seen by a young girl on a visit to a farm and names the animals that she sees there. (IFB) jh, sh
FRENCH LANGUAGE

Marijuana.
52 min, B&W, 1968 . . . . $9.50
Probes the multifaceted drug problem through CBS newsman Mike Wallace's interviews with congressmen, judges, lawyers, doctors, police, and young drug users. (CBS; Carousel) jh, sh, c, a
DRUG EDUCATION

Marine Life.
12 min, Color, 1953 . . . . $7.00
The continuing struggle for existence is pointed out through the activities of beautiful animals like sea robins, moon fish, porpoises, and angel fish; ugly animals like octopuses, hermit crabs, morays, sting rays, and barracuda; and odd animals like sea turtles, sea anemones, sea fans, and porcupine fish. (EBF) el, jh, sh, c
MARINE BIOLOGY

Mark of Quality.
14 min, Color, 1968 . . . . $3.50
Food shoppers will find valuable information in this film which takes an American housewife from feedlot to packing plant to supermarket–and right back to her own kitchen, showing how the Federal meat grading service helps her by giving her a guide to buying–to help her choose the quality of meat she wants. Cleared for TV. (USDA) sh, c, a
FOOD SUPPLY; U.S.–GOVERNMENT

Mark Twain and Tom Sawyer.
11 min, Color, 1950 . . . . $7.00
Portrays the locale of Samuel Clemens' life, including his birthplace at Florida, Missouri, his later home at Hannibal, and many other landmarks. (IFB) jh, sh
AMERICAN AUTHORS; BIOGRAPHY

Mark Twain: Background for His Works.
13 min, B&W, 1957 . . . . $3.50
Using authentic backgrounds, quotations and reenactments, this biography contributes effectively to the study of the works of Mark Twain. The variety and color of Twain's boyhood on the Mississippi are a source of his major writings; his other works, as well, reflect the rich and zestful life of this journalist, yarn-spinner, and humorist. (Coronet) jh, sh, c
AUTHORS, AMERICAN

Mark Twain's America.
54 min, B&W, 1960 . . . . $9.50
Using material from a collection of period photographs and engravings, this film recreates the life of Mark Twain and the age in which he lived. Prototypes of Tom Sawyer, Huck Finn and Becky Thatcher are shown, as well as vivid characters who piloted and travelled on the magnificent old sidewheelers. (Multi-Award winner) (NBC; McGraw-Hill) jh, sh, c, a
AMERICAN LITERATURE; BIOGRAPHY; U.S.–HISTORY: 1783-1900

Marriage and Divorce.
18 min, B&W, 1960 . . . . $5.00
No ceremony more deeply symbolizes the hope of man and woman than that of marriage. Yet one out of every three American couples is headed for trouble. This film frankly surveys the problem of broken homes and offers the opinions of many experts as to what should be done. (McGraw-Hill) sh, c
MARRIAGE

Mars Minus Myth.
18 min, Color, 1972 . . . . $10.00
A scientist working on Mariner 9 explains the extraordinary photographs from that orbiting satellite, theorizing about unexplained land forms, water, the polar caps, elements, and the possibility of finding life on Mars. (Churchill) jh, sh, c
SPACE FLIGHT; ASTRONOMY

Marsh Community.
11 min, Color, 1966 . . . . $7.00
Points out the adaptation of living things to the marsh environment, and asks questions about their future as the marsh continues to fill in. (EBEC) jh
ADAPTATION (ANIMALS); ECOLOGY

Martin Luther King, Jr.
10 min, Color, 1971 . . . . $7.00
Examines his role as spokesman for millions through his organization of sit-ins and peace marches, his fight for strong civil rights legislation, and his direction of the Southern Christian Leadership Conference. (EBEC) jh, sh, c
BIOGRAPHY; BLACK AMERICANS

Martin Luther King, Jr.: Man of Peace.
28 min, B&W, 1969 . . . . $6.50
An intimate look at the man, the minister, the father, and the leader of the civil rights movement. (Journal Films) jh, sh, c, a
BIOGRAPHY; AFRO AMERICANS; CIVIL RIGHTS

Masculine or Feminine: Your Role in Society.
19 min, Color, 1971 . . . . $10.00
The once easily discernible roles of man and woman as family protectors and homemakers, based on physical differences between the sexes, are contrasted with the indefinite standards of today. (Coronet) sh, c, a
SOCIAL CONDITIONS; WOMEN'S STUDIES

Mass and Weight.
11 min, B&W, 1966 . . . . $3.50
The behavior of a bowling ball in a real bowling alley and in imaginary alleys at the North Pole, at the equator, on the moon and in the depths of intergalactic space helps us to explore the fundamental concepts of mass and weight. Demonstrations clarify the relationship between gravitational mass and inertial mass. (Coronet) jh, sh
PHYSICS

Mass Spectrometry.
33 min, Color, 1970 . . . . $13.00
Presents the technique of mass spectrometry, showing how the instrument operates, how a mass spectrum is obtained, what kinds of information are obtained, the relationship between precise molecular weight and the chemical formula, and some common ways that molecules fragment. (Wiley) c
CHEMISTRY

Masterpieces of Chinese Art.
28 min, Color, 1974 . . . . $38.00
Filmed inside the Chung-shan museum in Taiwan, this movie presents a selection of fifty pieces of Chinese art chosen from the museum's vast collection of over 240,000 pieces. Included are ancient bronzes from the Shang Dynasty, jade artifacts spanning 3,000 years of artistic development, porcelain wares like Ju ware (the greatest of all the Sung porcelains), carved lacquer pieces, and calligraphy. The film concludes with an in-depth examination of probably the three greatest paintings in the entire history of Chinese art: TRAVELLERS ON A MOUNTAIN PATH by Fan Kuan, EARLY SPRING by Kuo Hsi, and EARLY SNOW ON THE RIVER by Chao Kan. (Sumner Glimcher; Mass Communications, Inc.) sh, c, a
ART, CHINESE; CHINA; FAR EAST

Mathematical Peep Show.
12 min, Color, 1962 . . . . $17.00
The film is divided into five segments, each illustrating a concept of sophisticated mathematics in a clear, simplified way. The film conveys basic principles of Eratosthenes' method of abstract measurement of the earth, of topology, symmetry, functions, and exponents. (EAMES; EBEC) jh
MATHEMATICS

Mathematical Relationships: Approximating and Estimating.
13 min, Color, 1970-71 . . . . $7.00
This film deals primarily with estimating, using various techniques to determine approximate total populations, heights, speeds, distances, etc. without having to resort to "one-by-one"

counting. (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Fractions.
13 min, Color, 1970-71 . . . . $7.00
The largest cake ever baked, a sword-swallower, the world's longest moustache, and a bar of gold are examples used to develop the subconcepts of "rounding off," equivalence, multiplication, division and comparison of fractions. Practical applications of fractions to daily living are illustrated throughout this film. (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Games, Puzzles and Logic.
13 min, Color, 1970-71 . . . . $7.00
Games and puzzles are used to develop logical thinking. The basic concepts of logic are introduced through simple riddles and perception problems where both inductive and deductive thinking are required. (OECA, NBC) jh
GAMES; MATHEMATICS

Mathematical Relationships: Geometric Shapes.
13 min, Color, 1970-71 . . . . $7.00
In this film we examine the history of man's use of shapes from the pyramids of ancient Egypt to the geodesic dome. Why do people make use of so many of the regular shapes that occur in nature? Are function, shape and convenience the only reasons for using regular shapes? (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Large Numbers.
13 min, B&W, 1970-71 . . . . $3.50
To overcome the vagueness surrounding large number concepts, this film relates them to a student's experience. If one billion one dollar bills were stacked, how high would the pile reach? Would the answer be in inches, feet, yards, or miles? (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Metric System.
13 min, Color, 1970-71 . . . . $7.00
Over 80% of the countries of the world use the metric system. Measurement is important in our lives and it is necessary to be able to convert from one unit to another easily. This film shows the advantages of "going metric." (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Number Patterns.
13 min, B&W, 1970-71 . . . . $3.50
This film points out to the students the surprising number relationships lying behind the mechanics of mathematics. No attempt is made to explain why these patterns develop; rather the emphasis is on the discovery of new patterns. (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Probability.
13 min, B&W, 1970-71 . . . . $3.50
Probability is based on a study of statistics. If a bag contains five balls, four black and one white, what is the probability of reaching into the bag without looking and selecting the white ball? If you reach into the bag five times, will the white ball be selected only once? (OECA, NBC) jh
MATHEMATICS; SCIENCE, GENERAL

Mathematical Relationships: Ratio.
13 min, B&W, 1970-71 . . . . $3.50
By easy progressive stages, awareness of number relationships is expressed as ratios. The narrator points out pertinent information and asks challenging questions. These illustrate surprising relationships and motivate discovery of other ratio comparisons. (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: Statistics.
13 min, B&W, 1970-71 . . . . $3.50
How are statistics gathered? How are they used? Does geographical position affect statistics? Some factors are clarified while others are left to conjecture. (OECA, NBC) jh
MATHEMATICS; SCIENCE, GENERAL

Mathematical Relationships: Time.
13 min, B&W, 1970-71 . . . . $3.50
The problem of the nature of time is laid before the student: is it a human creation, a mere convention, or has it a more fundamental reality? The final question is perhaps unanswerable: does time have a beginning or an end? (OECA, NBC) jh
MATHEMATICS

Mathematical Relationships: What Are Numbers.
13 min, Color, 1970-71 . . . . $7.00
We live in a world of numbers. Who invented them and why? This film illustrates the probable development of our Hindu-Arabic number system and provides insight into the function of numbers in advanced civilization. (OECA, NBC) jh
MATHEMATICS

Mathematics of the Honeycomb.
13 min, Color, 1964 . . . . $7.00
Presents a historical and analytical approach to the honeycomb problem. Shows bees exuding and manipulating wax. Stresses scientific methods and bionics. (Winner of Landers Award.) (MIS) sh, c
BEES; SCIENTIFIC METHOD

Matisse and the Fauves.
20 min, Color, 1970 . . . . $10.00
Documents the search of Henri Matisse and other painters for a greater intensity of color, based upon their belief that the impact of a painting comes from its colored surface. (U. of Ill.; IFB) sh, c
ART, MODERN; ARTISTS

Matter and Energy.
14 min, Color, 1969 . . . . $8.00
Shows the universe as a system in which matter and energy are concerned, properties and states of matter, and forms of energy. (Coronet) jh
SCIENCE, GENERAL; PHYSICS

Matter of Choice.
28 min, B&W, 1960 . . . . $3.50
This film is designed to inform young adults about the importance of the health of their mouths. Jim and Marilou learn about their dental future when they visit the dentist for a college entrance dental check-up. The film story includes a discussion of deciduous and permanent teeth, the relation of dental disease to lifetime teeth and the difference between cleaning and brushing. Cleared for TV. (American Dental Association) jh, sh, c, a
HYGIENE; TEETH

Matter, Matter Everywhere: How Materials Change.
11 min, Color, 1970 . . . . $7.00
Children saw wood, dissolve sugar, heat dough and pour water on iron as they explore basic concepts of physical and chemical change. (Coronet) el
SCIENCE, GENERAL

Matter, Matter Everywhere: Its Smallest Parts.
14 min, Color, 1970 . . . . $8.00
Rocks broken into smaller and smaller pieces help youngsters understand what molecules might be like and how they are thought to behave. (Coronet) el
SCIENCE, GENERAL

Matter, Matter Everywhere: Mixing and Dissolving.
11 min, Color, 1970 . . . . $7.00
Youngsters make lemonade and other mixtures of solids, liquids and gases, then try to separate them into solutions. (Coronet) el
SCIENCE, GENERAL

Matter, Matter Everywhere: Solid, Liquid, Gas.
11 min, Color, 1970 . . . . $7.00
With rocks, marbles, sand, a balloon and jar of water, and various containers, children learn how the three states of matter differ. (Coronet) el
SCIENCE, GENERAL

Maurice Sendak.
14 min, Color, 1964 . . . . $8.00
During an informal visit with Mr. Sendak in his New York studio apartment, the author-artist chronicles the development of his books. He discusses music, art and reveals the influence that composers and painters have had on the fruition of his own creative talents. (Weston Woods) sh, c, a
ARTISTS

Meaning of Adolescence.
16 min, B&W, 1953 . . . . $4.00
This film points to the unsure status of the adolescent, who is neither child nor adult, and provides an overview of the social, emotional, mental and physical changes occurring in the years between childhood and adulthood. Much that seems aimless or excessive in adolescent behavior can be understood and intelligently handled in the light of the adolescent's attempts to adjust to these changes. The film is episodic in treatment and revolves about a boy and a girl of about fourteen to sixteen years. The film points out that adults, through proper under-

standing, can help the teenager to make a successful adjustment to five major aspects of adult life: physical maturity, social living, getting along with the opposite sex, settlement of religious doubts, and the establishment of a moral code. (McGraw-Hill) c, a

ADOLESCENCE; PSYCHOLOGY

Meaning of Feudalism.
10 min, B&W, 1950 . . . . $3.50
Students are sure to get a new history experience when they see and study a feudal castle with Jacques, a French boy who lives in an ancient town below the castle. This film presents the physical elements, and more, it re-creates the flavor and spirit of feudal times. (Coronet) jh, sh, c
EUROPE–HISTORY: 476-1492

Meaning of Plus and Minus.
11 min, Color, 1953 . . . . $7.00
Shows how the words "plus" and "minus" and their corresponding signs are associated with actions. "+" joins, while "–" separates. This association of symbol with action is made especially clear and provides sound basic understandings. (EBF) el
ARITHMETIC; MATHEMATICS

Meaning of The Industrial Revolution.
10 min, B&W, 1950 . . . . $3.50
In this film students will discover answers to our own age, as they relive in England the 18th century revolution that was the change-over from hand tools to machines, from water power to steam power. From the quiet rhythm of the spinning wheel to the multiple whirring of Hargreaves' spinning jenny to the steady pulse of a Watt flywheel, the audience will see the drama of industrial achievements that revolutionized Western civilization. (Coronet) el, jh, sh, c
ECONOMICS; EUROPE–HISTORY: 1789-1900; FACTORY SYSTEM

Measure of a University.
26 min, Color, 1965 . . . . Free loan
Homer D. Babbidge, Jr., eighth president of the University, narrates this film portrayal of campus scenes and activity, and weaves the main threads of the film story into a colorful and balanced image of University life. The main elements of the film story include the world of the students and staff, the continual concern for people, the cultural atmosphere, the serious study and extra-curricular activity of students, the diverse research effort, the varied and extensive services to the State, and the massive teaching job being carried on to guide students toward frontiers of knowledge. Despite the Connecticut setting for the film story, the major effort is to identify the unique characteristics of a university as a contemporary institution. (University of Connecticut) sh, a
UNIVERSITIES AND COLLEGES

Measurement.
11 min, B&W, 1965 . . . . $3.50
Steve's belt is measured to the nearest two inches; his pants to the nearest inch; his shirt to the nearest half-inch; his hat to the nearest eighth inch. These and other examples illustrate standard units of measure, the selection of the unit appropriate to our purpose, and the meaning of precision and possible error. (Coronet) el
ARITHMETIC; WEIGHTS AND MEASURES

Measuring Areas: Squares, Rectangles.
11 min, B&W, 1960 . . . . $3.50
A graphic approach provides insights from which the child may confidently generalize that the area of any square or rectangle may be found by multiplying its length by its width. The film introduces the square unit of measure, showing how it is related to the total area of the plane figure, and shows some practical uses of area measurement. (Coronet) el, jh
GEOMETRY

Mechanism of An Organic Reaction.
20 min, Color, 1963 . . . . $10.00
A thorough study of the hydrolysis of an organic ester shows that the discovery of a reaction mechanism (the actual steps by which a reaction proceeds) includes a determination of: (1) The chemical equation, (2) The structures of the reactants and the products, (3) The fate of each atom of the reactants, and (4) The structures of the intermediate molecules. The concepts of bond polarity and the effect of varying the structure of one reactant also provide valuable hints. The use of oxygen 18 and its detection, on the mass spectrometer provide critical experimental data for the particular mechanism of ester hydrolysis. (Chem Study Films) sh, c
CHEMISTRY, ORGANIC

Mechanisms of Breathing.
11 min, B&W, 1954 . . . . $3.50
Illustrates, by means of animated drawings, the work of pharynx, larynx, trachea, bronchi, and bronchiole. Reveals the role of the phrenic nerve, and the exchange of oxygen and carbon dioxide. Describes mechanism correlating rate of breathing with rate of body activity. Demonstrates principles of artificial respiration. (EBF) jh, sh, c
PHYSIOLOGY

Medieval Architecture.
15 min, B&W, 1948 . . . . $4.00
Development of architectural form and line as illustrated in the notable feudal castles of the Loire Valley. Allows ample time for detailed observation. (UWF) sh, c, a
ARCHITECTURE; EUROPE–HISTORY: 476-1492

Medieval Crusades.
27 min, Color, 1956 . . . . $13.00
Filmed in Southern France, in a landscape which closely resembles the barren rocks and sands of Asia Minor and Palestine, the film recreates the settings in which the crusades originated and were fought. Some exteriors were made on the hills around Jerusalem, near the encampments of the armies of the First Crusade. (EBF) jh, sh
EUROPE–HISTORY: 476-1492

Medieval England: The Peasants' Revolt.
31 min, Color, 1970 . . . . $13.00
The "Peasants' Revolt" of 1381 reveals the condition of virtual slavery which persisted throughout the Middle Ages, and the weaknesses of the feudal system: its oppressive tax structure, its cruelty, its social inequity. (Award winner) (LSA) jh, sh, c, a
ENGLAND; EUROPE–HISTORY: 476-1492

Medieval Guilds.
20 min, Color, 1956 . . . . $10.00
This community is called St. Clair, in the county of Montbref. The film shows a master shoemaker's shop, initiation of an apprentice, the everyday life of apprentices and journeymen, and a routine inspection by wardens of the guild. Included in the film story are glimpses of a meeting in the guild hall, and of members enjoying themselves at a guild celebration. (EBF) el, jh, sh
EUROPE–HISTORY: 476-1492

Medieval Knights.
20 min, Color, 1956 . . . . $10.00
This film portrays the early training of pages and squires as preparation for Knighthood with careful attention to authentic settings. The film story also includes the Knighting ceremony. (EBF) el, jh, sh
EUROPE–HISTORY: 476-1492

Medieval Times: Role of the Church.
14 min, Color, 1962 . . . . $8.00
The great churches and cathedrals of Europe and the glowing colors of medieval art provide the background for this film which points out the role of the church in shaping European history then and in the centuries to come. Costumed re-enactments indicate the influences of the church on the peasants, nobility, scholars, and clergy of the Middle Ages. (Coronet) sh
EUROPE–HISTORY: 476-1492; RELIGION

Medieval World.
10 min, Color, 1950 . . . . $7.00
From the English-walled city of York, from the Flemish guildhalls of Ghent, from the French cathedral of Chartres comes the film story of *The Medieval World*. Knights and feudalism, Chaucer's Pilgrims, castles and crusades take on meaning and relationships in this visualization of medieval times. (Coronet) el, jh, sh, c
EUROPE–HISTORY: 476-1492

Meet George Washington.
54 min, Color, 1969 . . . . $19.00
History has made George Washington an awe-inspiring idol. But under the myth of the demigod is the living person. Footage newly shot at Valley Forge, Mt. Vernon, and Williamsburg, interwoven with historic paintings, tells his story. (NBC) jh, sh, c, a
BIOGRAPHY; U.S.–HISTORY

Meet Lisa.
5 min, Color, 1971 . . . . $6.00
A moving personal statement reflecting the world as seen through the eyes of a brain injured child and those of her parents. Helps us to understand that children like Lisa respond to love and deserve acceptance for what they are. (AIMS) jh, sh, c
EDUCATION, SPECIAL

Meet Mr. Lincoln.

27 min, B&W, 1960 . . . . $6.50

Through the use of actual photographs and cartoons, arranged and commented upon in creative fashion, this film provides a unique opportunity to know Mr. Lincoln better. Pictures of places where he lived and worked, of people who hated, loved or ridiculed him, of Civil War soldiers in their camps and in their battles, and of such towering figures of the time as Lee, Jackson, and Grant, make Abraham Lincoln's story come to life realistically. (EBF) el, jh, sh, c

STATESMEN; BIOGRAPHY

Meet The Sioux Indian.

10 min, Color, 1949 . . . . $7.00

This film shows the way of life of the Sioux Indians, constantly on the move, carrying their possessions on a travois. Their dependence upon the buffalo for food, shelter, and clothing is shown. Tepees are erected, meat is prepared as pemmican, bead work and quill work are demonstrated and corn and pumpkins are prepared for the winter. (Deusing Film Productions) el, jh, sh, c, a

INDIANS OF NORTH AMERICA

Meeting Strangers: Red Light, Green Light.

20 min, Color, 1969 . . . . $10.00

Helps the child to understand when the meeting of strangers might be potentially dangerous and provides him with specific suggestions for behavior at such times. (Award Winner) (BFA) el

GUIDANCE, PERSONAL

Megalopolis: Cradle of the Future.

22 min, B&W, 1962 . . . . $5.00

Examines the life and problems of Megalopolis, the urbanized northeastern seaboard extending from Boston to Washington, D.C. Shows metropolitan centers, transportation networks, harbors, suburban and rural areas–and points out the need for better organization of the suburban sprawl in the future course of urbanization. (EBF) jh, sh, c

GEOGRAPHY; SOCIOLOGY; CITY PLANNING

Meiosis.

12 min, Color, 1956 . . . . $7.00

Discusses how the number of chromosomes in germ cells is halved. An introductory flow chart demonstrates the fertilization meiosis cycle. (IFB) c

BIOLOGY

Meiosis: Sex Cell Formation.

16 min, B&W, 1963 . . . . $4.00

16 min, Color, 1963 . . . . $8.00

Explains how meiosis or the reduction division, occurs in the formation of sex cells. Illustrates the sequence of changes in the parent-cell · nucleus–which results in the creation of two daughter cells, each having half as many chromosomes as the parent cell. Shows how meiosis enables plants and animals to produce offspring with a wide variety of characteristics, and explains the role of meiosis in evolution. (EBF) sh, c

GENETICS; REPRODUCTION; BIOLOGY

Mekong.

25 min, B&W, 1966 . . . . $5.00

This timely film offers some solutions to the problems that precipitated the present conflict in Vietnam–those of developing the Mekong River area. By beginning with the story of the river and then covering the problems that might be solved if the area were developed properly, the film ends with a hopeful prognosis for the future of the area. (Shell International Petroleum Co.; EBEC) jh, sh

RIVERS; U.S.–POLITICS

Melody in Music.

13 min, B&W, 1952 . . . . $3.50

Members of a youthful orchestra discover how variations in note arrangements, lyrics, different musical instruments, note length, and time all affect the melody. Youngsters are encouraged to create their own melodies by learning how other melodies are developed. Techniques in the playing of a violin, tuba, piccolo, flute, chimes, piano, marimba, cornet, and French horn are demonstrated during rehearsal. (Coronet) el, jh

MUSIC–STUDY AND TEACHING

Melting Points of Elements: Determination and Correlation.

11 min, Color, 1971 . . . . $7.00

Indicates major correlations between the melting points of elements and their positions within the periodic table and summarizes basic melting point trends in the periodic table using a three-dimensional bar graph. Illustrates methods for measuring melting points. (EBEC) sh, c

PHYSICS; SCIENCE, GENERAL

Men in Cages.

52 min, B&W, 1966 . . . . $9.50

Examines living conditions and rehabilitation procedures in a wide range of American prisons. Discusses the effects of overcrowding and intermixing of first offenders with hardened criminals. Analyzes the penal system's effectiveness by interviews with directors of state and federal prisons, penologists, and inmates. Reviews experimental prison alternatives. (CBS; Carousel) sh, c, a

CRIME AND CRIMINALS; SOCIOLOGY

Message from a Dinosaur.

10 min, Color, 1965 . . . . $7.00

Shows how life of the past is reconstructed from fossil remains and how new forms of life evolved from adaptations to environmental changes. The message is clear; organisms which cannot adapt to changing conditions do not survive. (EBEC) jh

ADAPTATION (ANIMALS); PALEONTOLOGY

Methods and Instruments of Oceanography.

18 min, Color, 1970 . . . . $10.00

Viewers tour a modern oceanographic research vessel with 3 sea explorers. They see the instruments and learn about the methods used to determine depth, thickness and layering of sediment layers, sea water temperature and chemical content speed and direction of currents. They see how to sample sea floor sediments, plankton, deep sea fish and other marine life. They also learn about underwater cameras and scuba diving. (Wiley) c

MARINE BIOLOGY; OCEANS

Metric America.

16 min, Color, 1973 . . . . $8.00

Highlights reasons for U.S. metric conversion, and introduces the meter, liter, kilogram and celsius. Emphasis is placed on prefixes such as "centi," "milli," and "kilo," and the decimal nature of the metric system. (AIMS) jh, sh, c, a

MATHEMATICS

Metric System.

11 min, B&W, 1958 . . . . $3.50

The history of the metric system and its uses today are included in this film which clearly illustrates the basic units. English and Metric units are compared, and the advantages of computations in the metric system are demonstrated. (Coronet) jh, sh

WEIGHTS AND MEASURES

Mexican-American Speaks, Heritage in Bronze.

20 min, Color, 1972 . . . . $10.00

Focusing upon the Mexican-Americans the film traces the conquest of the Indians by Spanish conquistadors and the spread of Spanish dominion in the New World. The rule of Spain disappeared, but the heritage of language and of mixed blood and culture remained. (EBEC) jh, sh

CENTRAL AMERICA; HISTORY

Mexican Americans: The Invisible Minority.

38 min, Color, 1969 . . . . $13.00

Five million Mexican-Americans, our second largest and fastest growing ethnic minority, are struggling for an identity within the protest movement. The majority of Mexican-Americans are living in economic poverty in the southwestern region of the United States because nearly eighty percent of the employed work at unskilled labor. Their children readily fall behind in an educational system designed for white English-speaking students. Understanding the Mexican-American struggle requires an understanding of minority aspirations which include retaining a cultural identity. (NET) sh, c, a

POVERTY; SOCIAL GROUPS; SOCIOLOGY

Mexican Boy - The Story of Pablo.

22 min, Color, 1961 . . . . $10.00

A Mexican boy tells how he worked to make a wish come true–then found he must choose between having his wish and seeing his family happy. (EBEC) el, jh

MEXICO

Mexican Children.

11 min, B&W, 1938 . . . . $3.50

The experiences of two Mexican children at home, at school, and at play help children identify with another culture. (EBEC) el, jh

CHILDREN'S FILMS; MEXICO

Mexican Dances, Part I.

18 min, Color, 1971 . . . . $10.00

Traditional Mexican dances, colorfully and authentically costumed and set to beautiful music, portray dances dating back to the early Aztec period, to traditional dances found today in the coastal region of Veracruz. (AIMS) jh, sh, c, a

DANCE; MEXICO

Mexican Dances, Part II.
18 min, Color, 1971 . . . . $10.00
Shows parallel background in early American and Mexican history to provide cultural understanding and appreciation of the periods and influences behind such dances as: "AMOR DE MADRE" (Love of Mother) and "LAS ADELITAS." Other dances from Jalisco, which is the best known of all the regions of Mexico, are most festive and create a happy atmosphere. (AIMS) jh, sh, c, a
DANCE; MEXICO

Mexico: Geography of the Americas.
11 min, Color, 1955 . . . . $7.00
Intimate glimpses of the farmers, miners, cattle ranchers, factory workers and city dwellers of Mexico, and the relationships of their occupations to the varied geography of their country are shown. Scenes on Mexican history and current affairs near the end of the film may help to stimulate further class discussion. (Coronet) jh, sh
ANTHROPOGEOGRAPHY–NORTH AMERICA; MEXICO

Mexico: Land and the People.
20 min, Color, 1961 . . . . $10.00
Illustrates the contrasts of Mexico: between aristocrat and farmer, city and village, old and new methods in agriculture and industry. Traces the cultural, religious, and economic heritage of the Mexican people, describes Indian and Spanish contributions to the development of Mexico, and explores the resources and use of the land. (EBF) sh, c, a
ANTHROPOGEOGRAPHY–NORTH AMERICA; MEXICO

Mexico: Land of Color and Contrast.
16 min, Color, 1956 . . . . $8.00
Shows historic villages of central highlands of Mexico, Queretaro, San Miguel de Allende and Guanajuato; includes scenes of Taxco, Toluca market, and the Floating Gardens of Xochimilco. Contrasts these with modern Mexico City and its new university. (Neubacher Productions) j, sh, c, a
MEXICO

Mexico Y Sus Contornos.
20 min, Color, 1958 . . . . $10.00
A Spanish language film. Revised edition of "Mexico Ciudad Encantadora." Starts with an illustrated sequence of the origin of Mexico City and continues with views of the city and its suburbs. Includes a scene on the bull fight. (IFB) sh, c
MEXICO; SPANISH LANGUAGE

Michael Discovers the Magnet.
11 min, B&W, 1955 . . . . $3.50
Using familiar objects in simple experiments at home, Michael learns about magnetism. Then he puts on a show for his friends to demonstrate some of the exciting things that can be done with magnets. (EBF) el
PHYSICS

Michelangelo.
32 min, Color, 1965 . . . . $13.00
The development of Michelangelo's incomparable genius is colorfully traced by the EBF Humanities Film Unit using the great museums of London, Paris, Florence and Rome as backgrounds. For the first time, all of the artist's supreme masterpieces have been filmed directly (not by the second-hand technique of filming color transparencies). The awe-inspiring splendor of the Sistine Ceiling, the Last Judgment, and the statues for the Tomb of Pope Julius are beautifully presented in this absorbing phase of Michelangelo's life and art. (EBF) jh, sh, c, a
ARTISTS

Microelectrodes in Muscle.
19 min, Color, 1970 . . . . $10.00
Features the measurement of the electrical potential across the membrane of a muscle fibre and its biological significance. (John Wiley and Sons, Inc.) c
BIOLOGY; PHYSIOLOGY

Microglia (Living Human Cells in Culture Series).
11 min, B&W, 1956 . . . . $3.50
Shows the form and activity of microglia in culture by means of phase contrast, time-lapse cinematography. Phagocytic activity is shown in human retinal tissue; the macrophagic type and the elongated adult microglia are shown in the posterior pituitary of the rat; microglia are compared with lymphocytes in a brain melanoma; and cytoplasmic activity is shown in a chromophobe tumor of the human anterior pituitary gland. (AAMC) c
CELLS; NERVOUS SYSTEM; PHYSIOLOGY

Middle Ages: Culture of Medieval Europe.
24 min, Color, 1966 . . . . $10.00
The film centers on the cultural development and rise of chivalry in Medieval Europe and analyzes the growth of towns and cities and the revival of commerce and communication. The effects of the great plagues and the Hundred Years War are also covered. (EBEC) jh, sh
EUROPE–HISTORY: 476-1492

Middle Ages: Rise of Feudalism.
20 min, Color, 1966 . . . . $10.00
Covering the period from the 4th century Roman Empire to the time of the Crusades, this film considers the origins of the feudal system and looks at the nature of feudal society, the workings of the feudal system, and relationship of the Crusades to the growth of Medieval Europe. (EBEC) jh, sh
EUROPE–HISTORY: 476-1492

Middle East.
14 min, Color, 1955 . . . . $8.00
This regional geography film provides an overview of this vitally important area. The lands and the people, their homes, natural resources and industries are shown as they are today. (EBF) el, jh, sh, c
ANTHROPOGEOGRAPHY–CENTRAL ASIA, MIDDLE AND NEAR EAST

Middle States.
11 min, Color, 1956 . . . . $7.00
Presents in sequential form an over-view of man's use of resources in the states of Minnesota, Iowa, Missouri, Illinois, Wisconsin, Michigan, Indiana, and Ohio. Domestic and European migration and population trends are indicated by animated drawings. Agricultural and industrial projects in each section are portrayed, and relationships are noted with particular reference to other regions of America. (EBF) jh, sh, c, a
ANTHROPOGEOGRAPHY–NORTH AMERICA; U.S.–REGIONS

Midnight Ride of Paul Revere.
11 min, Color, 1957 . . . . $7.00
Reviews the explosive situation in the colonies during the spring of 1775, and re-creates the events that occurred on the night of April 18th. Illustrates the significance of Revere's ride. (EBEC) jh, sh
U.S.–HISTORY: REVOLUTION

Mighty Fine Union.
32 min, B&W, 1959 . . . . $3.50
This is a story of union democracy–of how a local union works. It shows two loyal, local union men in conflict, clashing over the handling of a grievance. The film stresses the importance of decisions being made by union members themselves. (Connecticut State Labor Council, URW) sh
DEMOCRACY; LABOR AND LABORING CLASSES

Migrant.
52 min, Color, 1970 . . . . $19.00
Migrant workers–underpaid, ill-housed, and unprotected by law–are caught in the profit squeeze between the farmer and consumer. Even though their plight has been widely exposed, conditions are not changing fast enough. (NBC) jh, sh, c, a
POVERTY; SOCIAL GROUPS; SOCIOLOGY

Miguel–Up from Puerto Rico.
15 min, Color, 1970 . . . . $8.00
How does a Puerto Rican-born boy adjust to life in a large American city? This film is at once a warm portrayal of a close family relationship and an inspiring lesson in resourcefulness and the advantages of biculturalism. (Award winner) (LCA) el, jh, sh, c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PUERTO RICO

Mike Mulligan and His Steam Shovel.
11 min, Color, 1958 . . . . $7.00
Nearly a useless cast-off, Mike Mulligan's steam shovel finds an exciting job to do and endears itself again to the citizens of Popperville. (Weston Woods) el
CHILDREN'S FILMS

Milestones: Assembly Line is Born.
5 min, B&W, 1960 . . . . $3.00
Traces development of the assembly line technique in the automobile industry. (Pathe News) el, jh, sh
FACTORY SYSTEM; U.S.–INDUSTRIES

Milestones: European War 1914-1915.
5 min, B&W, 1960 . . . . $3.00
Mobilization of Germany, France and Britain and key early battles of World War I. (Pathe News) el, jh, sh
EUROPE–HISTORY: 20TH CENTURY; WAR

Milestones: European War 1916-1917
5 min, B&W, 1960 . . . . $3.00
Horror and stalemate of the trench war, introduction in battle of poison gas and the armored tank. (Pathe News) el, jh, sh
EUROPE–HISTORY: 20TH CENTURY; WAR

Milestones: Famous Firsts in Aviation.
5 min, B&W, 1960 . . . . $3.00
Brief glimpses of some famous events in aviation history, from the Wright brothers to the X-1. (Pathe News) el, jh, sh
AIRPLANES

Milestones: Hiroshima Blast Horror.
5 min, B&W, 1960 . . . . $3.00
Shows devastation resulting from the 1945 Hiroshima atomic bomb blast. (Pathe News) el, jh, sh
WAR; ATOMIC BOMB

Milestones: Hitler Takes Over.
5 min, B&W, 1960 . . . . $3.00
Scenes from the 1933 beginning of the Nazi empire to its destruction in 1945. (Pathe News) el, jh, sh
EUROPE–HISTORY: 20TH CENTURY; GERMANY

Milestones: Legacy of Thomas Edison.
5 min, B&W, 1960 . . . . $3.00
Glimpses of Edison's life with demonstrations of some of his major inventions. (Pathe News) el, jh, sh
INVENTORS; U.S.–BIOGRAPHY

Milestones: Lindy Flies Alone.
5 min, B&W, 1960 . . . . $3.00
Highlights of Charles Lindbergh's historic 1927 New York to Paris flight and his triumphal return. (Pathe News) el, jh, sh
AIRPLANES

Milestones: Russian Revolution.
5 min, B&W, 1960 . . . . $3.00
Collapse of the czarist regime in 1917. Bolsheviks seize their opportunity to take over the government. (Pathe News) el, jh, sh
EUROPE–HISTORY: 20TH CENTURY; RUSSIA

Milk.
11 min, B&W, 1956 . . . . $3.50
This film develops the story of milk, from cows grazing in their pasture to home delivery. Portrays the barn of a typical dairy farm and demonstrates methods of milking by hand and by machine. Stresses the need for careful handling of milk; depicts pasteurization and bottling; and concludes with the milkman delivering milk to his customers. (EBF; Connecticut Dairy and Food Council) el
DAIRY PRODUCTS

Milk Ejection Reflex.
21 min, Color, 1972 . . . . $10.00
Based on years of experimentation to determine how milk is secreted from the mammary gland, this film shows the chemical mechanism involved: electrical stimulation of the nerve supply to the posterior pituitary evokes a positive milk ejection response. (John Wiley and Sons, Inc.) c
BIOLOGY; PHYSIOLOGY

Milk: From Farm To You.
13 min, Color, 1972 . . . . $7.00
The story of milk, from the cow to the carton, is presented in simple, entertaining scenes. Common misconceptions concerning the production of milk are corrected. (EBEC) el, jh
FARM PRODUCE

Milky Way.
10 min, B&W, 1953 . . . . $3.50
A number of telescopes, including the 200-inch Hale telescope at Palomar, are used to show scenes of nebulae, multiple stars, and massed star clouds. (ISO; Sibley) sh, c, a
ASTRONOMY

Millions of Cats.
10 min, B&W, 1955 . . . . $3.50
This story about an old man and old woman in search of a pet cat deals with the issue of overpopulation as well as the quality of life. (Weston Woods) el
CHILDREN'S FILMS

Mime Over Matter.
12 min, Color, 1970 . . . . $7.00
Czechoslovakia's leading mime artist, Ladislav Fialka, and his company use their bodies to show the personalities and individual malice of the mechanical things man takes for granted. The film shows that even the suave man-about-town who surrounds himself with mechanical gadgets is pathetically dependent on them and vulnerable to their malfunctions. (Weston Woods) jh, sh, c, a
ALLEGORY

Minawanamut.
19 min, Color, 1969 . . . . $3.50
For sailing enthusiasts. No one, not even a confirmed landlubber, can fail to respond to the white sails on blue water, of graceful hull knifing through rippled surface, of creaking rigging, ballooning canvas and spreading wake. Extends an invitation to every sailor to come and enjoy Ontario's lakelands. (Award winner) (Drege Audio Ltd.: CTF) el, jh, sh, c, a
BOATS AND BOATING

Minds of Men.
27 min, B&W, 1965 . . . . $3.50
A documentary report which highlights a few of the multifarious activities of UNESCO in its continuous, international service to mankind through education and research. Depicted are UNESCO's programs for combatting starvation and illiteracy in less-developed countries through the introduction of modern technology, teacher training and adult education programs, the establishment of libraries and other means of modern communication. With only limited funds available, UNESCO has served as the catalyst in establishing international pilot programs in such areas as oceanographic research and conservation. (UNESCO; EFLA) jh, sh, c, a
INTERNATIONAL COOPERATION

Minerals and Rocks.
16 min, B&W, 1959 . . . . $4.00
16 min, Color, 1959 . . . . $8.00
This film shows how igneous, sedimentary and metamorphic rocks were formed and ways of recognizing each. (EBF) el, jh
GEOLOGY

Miracle of the Trees.
10 min, Color, 1950 . . . . $7.00
Time-lapse photography shows the blossoming of several trees, including the elm, poplar, ash, maple, sycamore, tulip, hickory, and ginkgo. (Ott Pictures; IFB) sh, c, a
BOTANY

Miracles From Agriculture.
14 min, Color, 1960 . . . . $3.50
Tells the story of farm products with new qualities for consumer and industry. It reports on today's farming and ranching, and on today's marketing processing, storing, transporting, and merchandising of food and other agricultural products. It emphasizes the role of research and agricultural services and unveils some of the many products expected tomorrow. Cleared for TV. (USDA) sh, c, a
AGRICULTURE–ECONOMIC ASPECTS; FOOD SUPPLY

Miss Goodall and the Wild Chimpanzees.
28 min, Color, 1966 . . . . $13.00
The story of a 26-year-old English girl and her adventures in the jungles of East Africa. Miss Goodall observed and lived with chimpanzees there. Her studies and the film itself reinforce the belief that the complete understanding of chimpanzees will lead man to a better understanding of himself. (The original telecast was a CINE award winner.) (Nat. Geographic Society; EBEC) jh, sh, c
ANIMALS–HABITATIONS; ANIMALS–HABITS AND BEHAVIOR; ANTHROPOLOGY

Mission Oceanography.
15 min, Color, 1967 . . . . $3.50
An overview of the U.S. Navy's involvement in oceanography in the past, present, and future. (USNPC; American Picture Service, Inc.) jh, sh, c, a
OCEANS; U.S. NAVY

Mission of Discovery.
27 min, B&W, 1964 . . . . $3.50
Teachers, nurses, youth leaders, mechanics, architects, and other volunteers are shown as they perform their important work in some of the 46 countries served by the Peace Corps program. Emphasizes worthwhile values to be derived from Peace Corps service. (Peace Corps) sh, c, a
INTERNATIONAL COOPERATION; U.S.–GOVERNMENT

Mississippi River: Its Role in American History.
22 min, Color, 1965 . . . . $10.00
This film emphasizes an important era in American history. Its focal point is the steamboat which opened up the vast inland waterways of the United States. The discovery period, the settlement by the French, and the Louisiana Purchase are highlighted. Animation of authentic art prints of the period and appropriate maps are skillfully interwoven with the present-day

locale. The growth in importance of this great river system is shown through a history of the development of the various kinds of boats used on the Mississippi River. Vicksburg and the surrounding country are pictured in correlating the Civil War period with the present. The film includes scenes from areas described in some of Mark Twain's best-loved stories and actual footage of a great steamboat race. The closing scenes depict the modern Mississippi River. (Justin and Byers, BFA) el, jhh
RIVERS; ANTHROPOGEOGRAPHY–NORTH AMERICA; U.S.–HISTORY

Mississippi River: Trade Route of Mid-America.
19 min, Color, 1963 . . . . $10.00
This film depicts the industrial importance of the Mississippi River and its tributaries to our national economy. Methods of conservation and flood control, developed to save lives and property, clearly show man's ingenuity in solving the problem of preserving this great water highway. From the sources of the Mississippi and two major tributaries, the Missouri and the Ohio, the picture moves toward the mouth of the river. The principles upon which dams, canals, and locks are built and operated are developed as they become a part of this vast river system. Products transported via the Mississippi River to the rest of the world are highlighted and modern methods are shown. A series of animated maps at points throughout the film enhance the total geographic concept. These maps emphasize the reasons for important cities and indicate locations of industrial and agricultural regions. (Justin and Byers, BFA) el, jh
RIVERS; ANTHROPOGEOGRAPHY–NORTH AMERICA

Mississippi Suite.
15 min, Color, 1970 . . . . $8.00
Using both animation and live color photography, the film pictorially recreates Ferde Grofe's MISSISSIPPI SUITE. Basic musical concepts are covered, such as melody, harmony, rhythm, form, and a definition of suite. (AIMS) jh, sh, c, a
MUSIC

Mississippi System: Waterway of Commerce.
16 min, Color, 1970 . . . . $8.00
Traces the development of river traffic that started soon after DeSoto discovered the Mississippi in 1541–from canoes and log rafts to steamboats and propeller-driven towboats. (EBEC) jh, sh
RIVERS; TRANSPORTATION; U.S.–HISTORY

Mr. Decathalon.
28 min, Color, 1966 . . . . $3.50
This film is an excellent training aid for both the beginner and professional. Depicts the desirable and undesirable characteristics and the correct and incorrect manner in which the Quarter Horse moves. The visuals are excellent and the narration by Rex Allen is lively and interesting. (American Quarter Horse Assoc.) jh, sh, c, a
ANIMALS, DOMESTIC

Mr. Goshu, the Cellist.
19 min, Color, 1970 . . . . $10.00
Uses animated puppets to tell the story of a young cellist in a symphony orchestra. (IFB) el, jh
CHILDREN'S FILMS

Mr. Justice Douglas.
52 min, Color, 1972 . . . . $19.00
Portrays Supreme Court Justice Douglas through an informal, frank and diverse conversation with old friend, Eric Sevaried. Douglas' long career and stormy personal life, busing, government and military surveillance, pornography and the Vietnam war's legality are some of the topics touched upon. (CBS; CAROUSEL) jh, sh, c, a
BIOGRAPHY; LAW; SOCIOLOGY

Mr. Koumal–Part A.
6 min, Color, 1969 . . . . $6.00
Carries the Torch – When Mr. Koumal energetically and unstintingly carries the torch, a slacker grabs the glory. *Invents a Robot* – After feverishly building a sophisticated robot to shine his shoes, Mr. Koumal becomes servant to the machine. *Flies Like a Bird* – Mr. Koumal's ingenuity in designing wings and feathers for flight is never quite adequate. (Weston Woods) el, jh, sh, c, a
ALLEGORY

Mr. Koumal–Part B.
6 min, Color, 1969 . . . . $6.00
Faces Death – Mr. Koumal's attempts at suicide repeatedly abort until his life is threatened by a thief. Then he joyfully sacrifices all to live. *Crusades for Love* – Like the knights of long ago, Mr. Koumal overcomes all for love, only to be conquered by a wealthy rival. *Moves to the Country* – Mr. Koumal flees from the noise and dirt of the city to build a home and garden in the country. Soon he becomes victim again, as others turn the countryside into a sprawling, ugly suburb. (Weston Woods) el, jh, sh, c, a
ALLEGORY

Mr. Koumal–Part C.
6 min, Color, 1971 . . . . $6.00
Discovers Koumalia – Disillusioned by life and society as he knows it, Mr. Koumal sets sail, travels through storms and hardship for his Utopia, only to discover his island beset with masses of humanity. *Gets Involved* – Too small to help another set upon by bullies, Mr. Koumal determines to build his muscle. In the end he is undone and taken to jail as the "bigger bully." *Battles His Conscience* – While fighting hard and long with his conscience over a large sum of money which he has found, another man comes along and, without hesitation, grabs the money and the glory, leaving Mr. Koumal with his dilemma and dreams. (Weston Woods) el, jh, sh, c, a
ALLEGORY

Mister Rogers Meets An Astronaut.
29 min, Color, 1973 . . . . $13.00
Apollo 15 astronaut Major Alfred Worden helps children better understand moon flights and astronauts by answering questions children have submitted to Mister Rogers. As well as responding to questions regarding the space program and space suits, Major Worden replies to concerns such as, "Do astronauts cry?" and "Did you ever fight with your father?" His answers are often supplemented by NASA film footage. This interview takes place at the Kennedy Space Center. (NET) el
CHILDREN'S FILMS; SPACE FLIGHT

Mr. Shepard and Mr. Milne.
29 min, Color, 1972 . . . . $13.00
This film about the collaboration of Ernest Shepard and A. A. Milne tells the story behind their classic children's books through visits to the actual locales which were the scenes of the Pooh stories and poems. (Weston Woods) jh, sh, c, a
AMERICAN AUTHORS; LITERATURE

Mitosis (EBF).
23 min, B&W, 1962 . . . . $5.00
23 min, Color, 1962 . . . . $10.00
Animated drawings illustrate the basic concept of mitosis, the growth and division of a cell. Unique photomicrography shows the process of mitosis actually taking place in a living cell. The individual chromosomes are clearly visible. Laboratory experimentation with the blood lily plant, using live photography and photomicrography, demonstrates the process of mitosis, and how the dividing cells are affected when subjected to chemicals and radiation. (EBF) sh, c
BIOLOGY; CELLS

Mitosis (IFB).
9 min, Color, 1958 . . . . $6.00
Animation to show how cells divide and multiply. (IFB) c
BIOLOGY

Modern Africa: Sport and Entertainment.
14 min, Color, 1967 . . . . $8.00
A look at both modern and traditional African sports and entertainment. (ABC; McGraw-Hill) el, jh, sh, c, a
AFRICA; SPORTS

Modern Dance Technique in Sequential Form.
12 min, Color, 1961 . . . . $7.00
A comprehensive demonstration of basic, expressive dance movements, showing how they are related and how they lend themselves to numerous variations. Explains that technique is developed from natural body movements. (Hildegard Spreen, BFA) jh, sh, c, a
DANCE

Modern France: The Land and the People.
14 min, Color, 1965 . . . . $8.00
Here is France today. As we move from region to region, from the farms of Normandy to the Paris Basin and the fisheries of Boulogne to the commercial and cultural center of Paris and the steel mills of Nancy, we see the balance between agriculture and modern industrial technology that has helped make France a leader in the European community of nations. (Coronet) jh, sh
FRANCE

Modern Hawaii.
10 min, Color, 1962 . . . . $7.00
The strategic position of the Hawaiian Islands, their origin, settlement and industries are presented here against a background of the islands' culture. Hawaii's position in the mid-

Pacific makes it unusual geographically and important strategically. In an over-view of the islands we see the important relationship between geography and geology and their effect upon the economy of Hawaii. (Coronet) el, jh, sh

HAWAIIAN ISLANDS; U.S.–STATES

Modern Women: The Uneasy Life.

60 min, B&W, 1966 . . . . $10.00

A documentary which explores the feelings of college-educated women about the various roles which are available for educated women today. Interviews are conducted with women who are living the traditional roles of mother and housewife, those who have combined the roles of career woman and housewife, and professional career women. These women discuss candidly the frustrations and satisfactions which they encounter in their different lives. The attitudes of husbands and unmarried men toward educated women are also explored. (NET) sh, c, a

SOCIAL CONDITIONS; WOMEN STUDIES

Molecular Motions.

13 min, Color, 1963 . . . . $7.00

Properties of matter such as fluidity, vaporization, and rates of chemical reactions, indicate that molecular motion must be occurring, and that the extent of motion increases in going from the solid to the liquid, to the gaseous state, as well as increases with rising temperature. The concepts of translational, rotational, and vibrational molecular motions allow the interpretation of the observed properties. The use of animation and dynamic models makes clear how the observed properties depend on the types of motion occurring at the molecular level. (Chem Study Films) sh, c

CHEMISTRY

Molecular Spectroscopy.

23 min, Color, 1965 . . . . $10.00

The film uses laboratory experiments, molecular models, and animation to show details of the infrared light absorption process and its relation to molecular properties. The film stresses the concept of natural vibrational frequencies in molecules. Further, it demonstrates the use of the infrared spectrum in identifying molecules and determining their molecular structure. (Chem Study Films; MLA) sh, c

CHEMISTRY

Molecular Theory of Matter.

11 min, Color, 1965 . . . . $7.00

Through stop-motion photography and animation, this film presents the basic assumption of the kinetic molecular theory: matter in its three phases may be considered to be composed of small particles in motion. Experiments show the passage of one substance through another, how pressure of a gas can be measured, change of phase, and the diffusion in liquids. (EBF) jh, sh, c, a

CHEMISTRY

Mollusks (Snails, Mussels, Octopuses, and Their Relatives).

14 min, B&W, 1955 . . . . $4.00
14 min, Color, 1955 . . . . $8.00

Discusses the five classes of mollusks, picturing their physical characteristics, reproductive processes, feeding habits, and ways of protecting themselves. (EBEC) jh, sh, c

ADAPTATION (BIOLOGY); MARINE BIOLOGY; ZOOLOGY

Mom, Why Won't You Listen?

13 min, Color, 1971 . . . . $7.00

How can young people get parents to listen? Is it a matter of picking the right moment and approach or something deeper? (Churchill) jh, sh, c, a

GUIDANCE, PERSONAL

Monarch Butterfly Story.

11 min, Color, 1967 . . . . $7.00

Indicates the geographical range of the Monarch, shows close-up detail of its structure during various stages of its life cycle–egg, larva, chrysalis and imago. Close-up photography shows a larva developing within an egg, the larva hatching and molting several times, the spinning of a cocoon and emergence of the adult butterfly. (EBEC) el, jh

BIOLOGY–ECOLOGY; BUTTERFLIES; INSECTS AND SPIDERS

Money and Its Uses.

11 min, Color, 1962 . . . . $7.00

Illustrates the uses and value of money to the individual and to the community. Explains the difference between barter and the use of a medium exchange, and traces a single dollar bill through a series of simple business transactions. (EBEC) el

ECONOMICS; MONEY

Money Tree.

20 min, Color, 1971 . . . . $10.00

Attempts to put the student into an "emotional" situation where he can identify with the pain and reality of human experiences, and be motivated into discussions about the monetary problems that can exist in marriage. (AIMS) sh, c, a

GUIDANCE, PERSONAL

Monkey and the Organ Grinder.

10 min, B&W, 1955 . . . . $3.50

Almost every day in the park, Micko, the monkey, did a little dance while Mr. Russo turned the crank of his hand organ. Afterwards, Micko tipped his hat to thank the children who handed him their pennies. One day, however, Mr. Russo fell asleep and Micko went alone to see the children. Frightened by the noise and traffic, he was returned to Mr. Russo's home by the children who, from then on, came to Mr. Russo's yard to see the monkey and the organ grinder. (Coronet) el

ANIMALS–STORIES

Monkey Tale (Bicycle Safety).

9 min, B&W, 1955 . . . . $3.00

Produced by The New Zealand National Film Unit. This unusual film from New Zealand contains amusing and effective illustrations of both the safe and the dangerous ways to ride a bicycle. The demonstrations are performed by a family of monkeys. (EBF) el

SAFETY

Monkeys, Apes, and Man.

55 min, Color, 1971 . . . . $19.00

A survey of current research on primate behavior and the common behavioral patterns between man, monkeys, and apes. (National Geographic Society; Films Inc.) jh, sh, c, a

ANIMALS–HABITS AND BEHAVIOR

Moor's Pavane (Variation on the Theme of Othello).

16 min, Color, 1950. $8.00

The basic story of the Moor Othello is told completely and dramatically within the dance form. Danced by Jose Limon and group. Music arranged by Simon Sadoff from Henry Purcell. Lines from "Othello" spoken by Bram Nossen. (Brandon) sh, c, a

DANCE; MUSIC

More Different Than Alike.

35 min, Color, 1967 . . . . $13.00

Documents five school systems in widely separated areas of the country each of which utilizes unique and creative teaching techniques. Shows the Helpmobile which enables teachers to instruct their colleagues in innovations in the teaching process; multi-media learning centers where students plan their own work schedules and learning projects; special schools for under-achievers and slow learners; and project PLATO which gathers and stores information about each student in a local school system. This subject complements the film, *Quiet Revolution.* (NEA & USOE) c, a

EDUCATION–AIMS AND OBJECTIVES; EDUCATION–STUDY AND TEACHING; EDUCATION, SPECIAL

More Power for the Job.

20 min, Color, 1963 . . . . $10.00

The purpose of this film is to present the facts about the changing nature of careers and job opportunities. The film content points out that the population of 18-year-olds will increase greatly, and that job opportunities are decreasing in the unskilled fields and farming. It emphasizes that job opportunities are increasing in professional, technical, vocational and skilled fields, and that such jobs require on-the-job training, education in vocational-technical school or in college. (Montana State College, Bozeman) jh, sh

GUIDANCE, VOCATIONAL

More Than Words.

14 min, Color, 1959 . . . . $8.00

Effectively combines color, animation and live actors to examine various factors in human communication such as anxieties, personalities, feelings, and timing. Stresses that communication is a two-way process with no pat formula for success. (Henry Strauss Distributing Corp.) sh, c, a

COMMUNICATION; PERSONNEL MANAGEMENT

Morgan Horse.

40 min, Color, 1964 . . . . $3.50

Describes development of this outstanding breed since 1793. Conventional and slow motion photography demonstrate the characteristics which make the Morgan a favorite among horse fanciers. The film ends with highlights of the annual National Morgan Horse Show in Northampton, Massachusetts. (Morgan Horse Club, Inc.) el, jh, sh, c, a

ANIMALS, DOMESTIC

Morning on the Lievre.

14 min, Color, 1961 . . . . $8.00

This film explores the world of a poet's imagination by revisiting the places and scenes described in a 19th-century lyric poem by Archibald Lampman. In his poem, *Morning on the Lievre*, he describes the dramatic effects of sunlight, shadows, and mist on the river at dawn–and recalls his emotional reactions to the changing light and colors. So accurate is the description of the river in autumn that a cameraman was able to record each scene on film, matching pictures to words, line by line! (NFBC; EBEC) jh, sh, c

POETRY

Mosaic.

6 min, Color, 1965 . . . . $6.00

Superimposed films 'lines vertical' and 'lines horizontal' are used to give a geometric and non-figurative example of cinematographic 'op' art. (NFBC; IFB) jh, sh, c, a

MOTION PICTURES, EXPERIMENTAL

Moscow and Leningrad.

14 min, Color, 1963 . . . . $8.00

Pictures and describes well known landmarks in Moscow and Leningrad. Depicts Red Square, the Kremlin, and the Pokrovsky Cathedral in Moscow. Highlights street scenes, and shopping facilities in Gum, the state owned department store. Russian language narration of intermediate difficulty. (IFB) sh, c

RUSSIAN LANGUAGE

Moslem World: Beginning and Growth.

11 min, B&W, 1965 . . . . $3.50

Intercultural influence is the theme of this unusual film which reviews the history of the Mohammedan way of life and its impact on western culture. This study of Mohammedan history, religion, politics, language, and art was filmed in such Moslem centers as Baghdad, Mosul, Damascus, Cairo, and Old Jerusalem. It will help students understand Mohammedan lands today. (Coronet) jh, sh, c

RELIGION–HISTORY

Mother and Toddlers: Humanizing the Growth Experience.

18 min, B&W, 1971 . . . . $5.00

The film documents a unique pre-school program known as the "Toddlers Lab." Initiated by the Martin Luther King Family Center, a Black social agency, the lab is a growth experience not only for the toddlers, but the mothers and staff as well. (Journal Films, Inc.) c, a

BLACK AMERICANS; EDUCATION

Motorcycle Driving Tactics.

15 min, Color, 1971 . . . . $8.00

Presents pointers for motorcyclists, involving excesses of speed–limitations of the motorcycle, conspicuousness to the autoist, etc. (AIMS) jh, sh, c, a

SAFETY EDUCATION

Mt. Rainier.

11 min, Color, 1955 . . . . $7.00

This film provides a geographic survey of one of America's great mountains. Produced by E. R. Nelson, it tells the story of glaciers–how they are formed, how they move, how they carry debris; and it illustrates the plant and animal life of Mt. Rainier at various altitudes. (EBF) el, jh, sh, c

GEOGRAPHY; GEOLOGY; NATIONAL PARKS AND RESERVES

Mount Vernon in Virginia.

22 min, B&W, 1950 . . . . $5.00

This documentary film, winner of the 1952 annual Scholastic Award, seems to widen understanding and appreciation of Washington's life and personality through a careful survey of Mount Vernon–home and grounds–and through narrative from his own diaries. The camera moves up to the house, through the house and over the plantation in an attempt to create for the audience the impression that they are enjoying the house and plantation with Washington. Details of architecture, management, way of life, and all that Mount Vernon meant to Washington are pointed out. (McGraw-Hill) el, jh, sh, c, a

U.S.–GENERAL

Move.

16 min, Color, 1972 . . . . $8.00

Demonstrates how film making can be taught to children by showing how a fourth grade class in Washington, D.C. made a sound animated motion picture. (Benchmark Films) el, jh, c

EDUCATION–METHODS; MOTION PICTURES

Movement Everywhere.

11 min, Color, 1970 . . . . $7.00

Designed to define the scientific concept of work in terms that young students can understand, the film points out how things are moving all around us. (EBEC) el

SCIENCE, GENERAL

Mozart and His Music.

13 min, B&W, 1954 . . . . $3.50

Synthesizing the scenes of Mozart's life with his classic compositions, this film presents selections from his music against backgrounds of such cities as Salzburg, where Mozart was born and acclaimed a boy genius, and Vienna, where he later lived and composed some of his most mature works. (Coronet) el, jh, sh, c, a

COMPOSERS

Multifaceted Approach for Teaching Botany: An Audio-Tutorial Experiment.

17 min, B&W, 1964 . . . . $4.00

This documentary shows how an undergraduate course in Botany is taught by large group, small group, and independent study sessions via the audio-tutorial method. Demonstrates how other audiovisual media can be integrated into an effective teaching system. (Purdue University) c

EDUCATION–METHODS; AUDIOVISUAL MATERIALS–UTILIZATION

Multiply . . . And Subdue The Earth.

67 min, Color, 1969 . . . . $20.00

Our cities are over-crowded, much of the air we breathe is polluted, and the source of our future supply of food and water is in danger. These are the problems caused, in part, by unplanned use of our natural environment. Suburban developments are being built with little regard for the natural life surrounding them. Eighty-two percent of midtown Manhattan's population have been found to exhibit various degrees of mental illness which is thought to be partially caused by overcrowding. The central message of this film, as stated by Ian McHarg, is that man must use ecological planning and seek not a conquest of nature but unity with nature. (NET) sh, c, a

ECOLOGY; POLLUTION; POPULATION

Mumford Series: City and Its Region.

28 min, B&W, 1963 . . . . $6.50

History shows that cities thrive best when they live in harmony and balance with the countryside around them. How can this balance be maintained or restored in today's sprawling metropolitan regions? This film examines the problem. (NFBC; Sterling) sh, c

CITY PLANNING; SOCIOLOGY

Mumford Series: City and the Future.

28 min, B&W, 1963 . . . . $6.50

In more and more regions of the world the inevitable and urgent choice must be made–lowgrade urban sprawl or a new kind of regional city. This film examines prospects for the city and ways to restore its role as the focus of man's highest achievement. (NFBC; Sterling) sh, c

CITY PLANNING; SOCIOLOGY

Mumford Series: City as Man's Home.

28 min, B&W, 1963 . . . . $6.50

Slums, giant public housing complexes, mass suburbs, anonymous and bleak luxury apartments–almost everywhere in our cities communal standards of living are falling even as personal standards of living rise. How did this happen and what can our cities do to improve communal living standards? (NFBC; Sterling) sh, c

SOCIAL PROBLEMS; SOCIOLOGY

Mumford Series: City, Cars or People.

28 min, B&W, 1963 . . . . $6.50

A study of an old but dangerously growing problem–how to make the city accessible for meeting and mixing without allowing transportation to make it congested and uninhabitable, as the private motor car now threatens to do. (NFBC; Sterling) sh, c

CITY PLANNING; SOCIAL PROBLEMS; SOCIOLOGY

Mumford Series: City, Heaven and Hell.

28 min, B&W, 1963 . . . . $6.50

An outline of the opposed natures creative and destructive–of the city in history, the elements that created the first cities about five thousand years ago, and the forces that now threaten to destroy "man's most precious collective invention." (NFBC; Sterling) sh, c

SOCIAL PROBLEMS; SOCIOLOGY

Mumford Series: Heart of the City.

28 min, B&W, 1963 . . . . $6.50

A study of the growing sterility, dullness and congestion that are

destroying the vitality, variety and breadth that once made cities physically attractive and humanly creative. (NFBC; Sterling) sh, c
SOCIAL PROBLEMS; SOCIOLOGY

Munchen.
15 min, Color, 1969 . . . . $8.00
Starting from the train station, the film presents various monuments and sections of the city including the Hofbrauhaus, the Residenz, the National Theater, the Lukas Church, Deutsches Museum with its exhibit on planes and ships, the Alte Pinakothek where one can see works by Durer and Breughel, the English Gardens, the Frauen Church, and old Munich with its baroque architecture, the Old and New Rathaus. (IFB) sh, c
GERMAN LANGUAGE FILMS

Muscle: Chemistry of Contraction.
15 min, Color, 1969 . . . . $8.00
Explains what part of the muscle contracts and what triggers the contraction. Dr. Georges R. Marechal, Universite de Louvain. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Muscle: Dynamics of Contraction.
21 min, Color, 1969 . . . . $10.00
Introduces and defines three types of muscle; smooth, cardiac, and skeletal. Rare electron micrographs reveal that the whole muscle can be explained in terms of a single muscle cell. Dr. Mommaerts introduces the possibility of the sliding filament hypothesis. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Muscle: Electrical Activity of Contraction.
9 min, Color, 1969 . . . . $6.00
Dr. Martin Morad demonstrates that the regulation of single muscle fiber contractions is achieved through a relationship that exists between muscle fibers and nerve impulses. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Muscle Spindle.
19 min, Color, 1970 . . . . $10.00
Shows how the electrical impulses produced by movement and tension of a muscle are transmitted to and received from the nervous system and demonstrates techniques for isolating a muscle spindle and keeping it alive outside the body. (John Wiley and Sons, Inc.) c
BIOLOGY; PHYSIOLOGY

Music for Young People: Introducing the Brasses.
23 min, B&W, 1958 . . . . $5.00
Describes and illustrates the musical characteristics and operating principles of a brass quintet. Members of the New York Brass Quintet introduce a young audience to the trumpet, trombone, French horn, and tuba. In addition to short and familiar passages, five compositions are performed to demonstrate the voices of the various instruments. Music includes Pezel, *Suite for Brass;* Saint-Jacome, *Duet, No. 6 Fugato;* Spezzaferri, *Preludio e Fuga;* Bach, *Two Chorales;* and Gabrielli, *Canzona per Sonare.* Narrated in part by Thomas Scherman. (NET) jh, sh, c
MUSIC; MUSIC–STUDY AND TEACHING; MUSICAL INSTRUMENTS

Music for Young People: Introducing the Woodwinds.
23 min, B&W, 1958 . . . . $5.00
Describes and illustrates the musical characteristics and operating principles of the instruments of a woodwind quintet. Members of the New York Woodwind Quintet introduce a young audience to the flute, piccolo, bassoon, oboe, clarinet, and the French horn. Four compositions are performed to demonstrate the voices of the various instruments. Music includes Milhaud, *The Hunting Scene;* von Weber, *Rondo in Hungarian Style;* Moussorgsky, *Ballet of the Unhatched Chickens;* and Reicha, Movement from *Quintet in E Flat,* opus 88 No. 2. Introductory remarks by Yehudi Menuhin. (NET) jh, sh, c
MUSIC; MUSIC–STUDY AND TEACHING; MUSICAL INSTRUMENTS

Music for Young People: Percussion, The Pulse of Music.
21 min, B&W, 1958 . . . . $5.00
Describes and demonstrates the sounds, manner of playing and uses of representative percussion instruments. A young audience, led by members of New York Percussion Trio, illustrates that organized clapping can be music. Members of the trio show and demonstrate wooden, skin-covered, and metal percussion instruments. The audience joins the trio in a momba demonstrating how music can be made with some percussion instruments without long practice. Music includes Nagel, *Prelude and Dance;* Kabelevsky, *Dance of the Comedians;* Portal, *Sweet and Gentle;* and a symphonic excerpt. (NET) jh, sh, c
MUSIC; MUSIC–STUDY AND TEACHING; MUSICAL INSTRUMENTS

Music For Young People: The Elements of Composition.
27 min, B&W, 1958 . . . . $6.50
Defines and explains melody, harmony, rhythm, and counterpoint to a young audience. Each element is illustrated by the New York Woodwind Quintet. Emphasizes that melody is full of character, the addition of harmony makes music complete, rhythm is of many kinds and can be felt, and that listening to counterpoint is like following a conversation. Summarizes and contrasts the elements of composition through the playing of a harmonic, rhythmic, and contrapuntal treatment of the melody, *Pop Goes the Weasel.* Music includes the folk melody, *Watermelon Song;* Guion, *Harmonica Player;* Telemann, *Duet* (performed by two young students); Wilder, *Fugue,* from *Quintette for Woodwinds;* excerpts from Dvorak, *New World Symphony;* and Villa-Lobos, *Quintette* (en forme de Choros). (NET) jh, sh, c
MUSIC; MUSIC–STUDY AND TEACHING

Music to Express Ideas.
12 min, Color, 1970 . . . . $7.00
Encourages students to think creatively, and to involve the whole class in finding ways of expressing ideas musically. Builds confidence in student ability to write music, and provides an opportunity for problem-solving experiences. (AIMS) jh
MUSIC–STUDY AND TEACHING

Music To Tell A Story.
9 min, Color, 1970 . . . . $6.00
Motivates storytelling in music, pantomime and art as well as words. Encourages children to work together to develop composite stories and music. (AIMS) el
CHILDREN'S FILMS; MUSIC

My Childhood, Part I: Hubert Humphrey's South Dakota.
25 min, B&W, 1966 . . . . $5.00
A study of contrasts in the childhood of two famous Americans. Part I tells the stolid, middle-class, small-town boyhood of Hubert Humphrey. (Metromedia; Benchmark) sh, c, a
SOCIOLOGY; U.S.–BIOGRAPHY; U.S.–GENERAL

My Childhood, Part II: James Baldwin's Harlem.
26 min, B&W, 1966 . . . . $6.50
A study of contrasts in the childhood of two famous Americans. Part II tells the story of James Baldwin's childhood. (Metromedia; Benchmark) sh, c, a
SOCIOLOGY; U.S.–BIOGRAPHY; U.S.–GENERAL

My Milkman Joe.
20 min, Color, 1959 . . . . $3.50
This film shows the part that the milkman plays as community helper. (Connecticut Dairy and Food Council) el
COMMUNITY SERVICES

My Name is Children.
60 min, B&W, 1967 . . . . $10.00
Using scenes of children and teachers in the Nova Elementary School at Fort Lauderdale, Florida, this film shows how one school is using an inquiry approach to motivate its students to learn. Children are seen working alone, with small groups, and in large groups. The teachers coordinate their plans and discuss individual student problems in daily meetings. The viewer will note that the children are deeply involved in their learning of subjects from dinosaurs and democracy to miner bees and propaganda methods. (NET; Indiana Univ.) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); EDUCATION–METHODS

Mystery of Time.
40 min, Color, 1960 . . . . $16.00
In the film "Mystery of Time" we get a little glimpse of what lies beyond our own space-time continuum. The high speed and time-lapse cameras help free us from our prison house of time as we see common events of life in new and dramatic perspective as time is stretched or compressed. Yardsticks shorten, clocks and human heartbeats slow down as the laboratory is "accelerated" to nearly the speed of light in a unique audiovisual presentation of the elements of relativity. (Moody Institute of Science) jh, sh, c
PHYSICS; TIME

Mystery of Time (2nd Edition).
28 min, Color, 1968 . . . . $13.00
High-speed and time-lapse photography help us escape our "time compartment." Some of the elemental concepts of the theory of relativity are sampled as yardsticks shorten, clocks and heartbeats slow down as the laboratory is "accelerated" to almost the speed of light to portray dramatically the interdependence of time, space and matter. (MIS) jh, sh, c
PHYSICS; TIME

Myths and the Parallels.
27 min, B&W, 1965 . . . . $6.50
Reveals the disastrous effects of man's abuse, waste and misuse of his natural heritage–productive soil, clean air, and pure water. It presents practical steps toward the solution of what will be, ultimately, our most vital national problem. (A feature presentation at the 1965 American Film Festival.) (Alan Kitchel, Jr.) jh, sh, c, a
NATURAL RESOURCES; WILDLIFE–CONSERVATION

N

Nails.
4 min, Color, 1973 . . . . $6.00
An artist's conception of the population explosion. A community of nails–large, small, thick, thin–rapidly propagate, build and spread. When there is no more space, the nails rust and corrode. (Aeschbacher; IFB) jh, sh, c, a
ALLEGORY; POPULATION

Napoleonic Era.
13 min, B&W, 1957 . . . . $3.50
A retired army officer who served with Napoleon recalls the momentous Napoleonic Era of 1796-1815 and its effects upon France and Europe. We see scenes typifying Napoleon's rise to power, his governmental reforms in France, his conquests, and finally, the disintegration of the Grand Empire in a rising wave of European nationalism. (Coronet) jh, sh, c
EUROPE–HISTORY: 1789-1900; FRANCE; STATESMEN

Narcotics: The Decision.
30 min, Color, 1960 . . . . $3.50
Portrays how a teen-age girl is trapped into drug addiction, proceeding from mild barbiturates through marijuana to heroin. Shows methods of drug traffic, law enforcement efforts, and effects of the withdrawal process. Animated sequences show the effects of various narcotics on the nerve center. Stresses the emotional disturbances of users. (United Research and Training Prod.; Narcotics Education, Inc.) sh, c, a
NARCOTICS; GUIDANCE, PERSONAL

Nation Decides.
26 min, B&W, 1952 . . . . $6.50
The Gallup Poll, how it works and how it went about predicting the 1952 presidential election is the subject of this film. It includes sample opinions of various occupations of key issues. (McGraw-Hill) sh, c, a
PUBLIC OPINION; U.S.–HISTORY

Nation of Spoilers.
11 min, Color, 1964 . . . . $7.00
Shows the most common kinds of vandalism. Discusses the reasons why people deface public property and litter the countryside. (Alfred Higgins Prod.) el, jh, sh, c, a
SOCIAL PROBLEMS; SOCIOLOGY; POLLUTION

National Arboretum.
14 min, Color, 1968 . . . . $3.50
Shows the sharp contrast between the hubbub of the Nation's Capital and the serene and beautiful showplace of living plants–The National Arboretum in Washington. The four seasons are compressed into this short tour where you watch scientists at work and look at the vivid colors of thousands of azaleas, rhododendrons, and other blooms. The film includes a sequence taken in the Far East, showing a USDA scientist collecting plants for developing new ornamentals to beautify America. Cleared for TV. (Award winner) (USDA) jh, sh, c, a
BOTANY; NATIONAL PARKS AND RESERVES; PLANTS

National Managerial Test.
60 min, B&W, 1965 . . . . $10.00
This film is designed for use either as an introduction or a summary to a series of management development programs. Using case material from films, the Test consists of ten multiple choice questions covering such important subjects as communication, motivation, leadership, delegation, handling problem workers, job instruction and overcoming resistance to change. Trainees grade their own answers and compare them with the answers of guest consultants who are expert in each area. (Roundtable Films) c, a
BUSINESS EDUCATION; MANAGEMENT, INDUSTRIAL

Natural Selection.
16 min, B&W, 1963 . . . . $4.00
16 min, Color, 1963 . . . . $8.00
The theory of evolution by means of natural selection has become the central unifying theory of the biological sciences. This film shows how three separate studies by biologists provide modern evidence of natural selection. First, how industrial melanism has developed in moths, due to predatory selection by birds. Second, how populations of insects such as mosquitoes become resistant to modern insecticides. Third, how factors in different environments determine the survival of certain races in plants. (EBF) sh, c
ADAPTATION (BIOLOGY); EVOLUTION; HEREDITY

Nature Is For People.
9 min, Color, 1969 . . . . $6.00
Contrasts the wonderful peaceful pace of nature with the daily busyness faced by most of us. (AIMS) el, jh, sh
ECOLOGY

Nature of Color.
10 min, Color, 1956 . . . . $7.00
This film brings to the classroom unusual motion picture photography. It demonstrates Newton's explanation of the rainbow, the principles of color reflection and absorption, the mixing of colors by addition and by subtraction, and the application of color principles to painting, printing, and photography. To conclude, a demonstration shows the principles which make this color film itself possible. (Coronet) sh, c
COLOR; PHOTOGRAPHY; PHYSICS

Nature of Heat.
10 min, B&W, 1953 . . . . $3.50
Heat as the energy of molecular action is demonstrated through experiment and animation in this film. How heat is transferred by conduction, convection and radiation is clearly illustrated. The film also offers questions that are designed to promote discussion and experimentation to better develop a full understanding of the nature of heat. (Coronet) jh, sh
HEAT; PHYSICS

Nature of Science: Forming Hypotheses.
16 min, Color, 1970 . . . . $8.00
Four noted scientists, in recorded interviews, explore their thoughts and work procedures. (Coronet) jh, sh
SCIENTIFIC METHOD

Nature's Showcase.
8 min, B&W, 1955 . . . . $3.00
A brief tour through the American Museum of Natural History in New York City, including the Hayden Planetarium. It shows how displays are researched and prepared. (McGraw-Hill) el, jh, sh
MUSEUMS; NATURAL HISTORY

Navajo Indian Life.
11 min, B&W, 1966 . . . . $3.50
Written and spoken by Carl Carmer, this film presents the author's compassionate commentary on the lot of the Navajos in Arizona, Utah and New Mexico–their daily life, their occasional jobs as migrant field hands, their hopes for the future. (Coronet) jh, sh, c
INDIANS OF NORTH AMERICA; NATIONAL PARKS AND RESERVES

Navajo: Study in Cultural Contrast.
15 min, Color, 1967 . . . . $8.00
Views the environment, family structure, traditions, ceremonials, and art forms of a people untouched by modern civilization. (Journal Films) jh, sh
ANTHROPOGEOGRAPHY–NORTH AMERICA

Naval Wars With France and Tripoli.
26 min, Color, 1957 . . . . $3.50
Presents through still pictures, using the filmograph technique, the naval history of the United States from 1785 to 1805. Includes scenes of the war with France, 1798-1800, and with Tripoli, 1801-1805. (U.S. Navy; UWF) el, jh, sh, c
U.S.–FOREIGN RELATIONS; U.S.–HISTORY: 1783-1900; U.S.–NAVY

Navy Decline, the New Navy, and the War With Spain, 1865-1898.
22 min, B&W, 1957 . . . . $3.50
Traces the decline of the U.S. Navy following the Civil War and the subsequent building of the "new Navy" in the 1880's based on the dynamic philosophy of sea power expressed by Alfred Thayer Mahan. Describes the role of the Navy in the war with Spain and its development into a world naval power. (UWF) jh, sh, c
U.S.–HISTORY: 1783-1900; U.S.–NAVY

Nazis Strike.
40 min, B&W, 1943 . . . . $3.50
Pictures the actual start of the war, the blitzkrieg on Poland.

Reveals the pattern of Nazi attack from propaganda and "incidents" to the Panzer attack on the army and people of Poland. Shows activities of the Bund, Versailles Treaty broken, German conscription in 1935, the Siegfried Line, Hitler's supposed claim on Czechoslovakia, violation of Czech Agreement, signing of the Russo-German Pact, demand for Danzig and the Corridor, capture of Warsaw, England declaring war on Germany. (OWI) jh, sh, c, a
WORLD WAR: 1939-1945

Neglected.
30 min, B&W, 1965 . . . . $6.50
Suggests what poverty can do to the mental health of families and describes how the child protection agencies may help to change the family patterns which have threatened the physical and mental health of the children. (Mental Health Film Board; IFB) c, a
MENTAL HEALTH; POVERTY

Neighborhoods Are Different.
11 min, Color, 1963 . . . . $7.00
Compares ways of living on a farm, in a small town, in a big city, and in a suburb by introducing four children from these neighborhoods, who tell about - and show - some of their typical home, school and community activities. (EBEC) el
COMMUNITY LIFE

Neighbors.
9 min, Color, 1952 . . . . $6.00
A Norman McLaren creation without words which illustrates a simple parable about two neighbors who fight over the possession of a flower that grows on their property line. (Academy Award winner) (NFBC; IFB) jh, sh, c, a
HUMAN RELATIONS

Nematode.
11 min, Color, 1972 . . . . $7.00
This non-narrated film is an unconventional treatment of a species of roundworms, or nematoda, commonly found in plant roots. In addition to close-up photography, clever use of captions and photography of toys helps to emphasize major concepts. (EBEC) jh, sh, c
BIOLOGY; INSECTS AND SPIDERS

Nerve Impulse.
21½ min, Color, 1971 . . . . $10.00
Extensive laboratory demonstrations, arranged in chronological order, form the basis upon which physiological concepts are developed in this film. They range from fairly simple frog nerve-muscle preparations to a recreation of the single squid axon preparation made famous by Nobel Prize winners Hodgkin and Huxley. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Nervous Systems.
10 min, B&W, 1937 . . . . $3.50
Structure of the nervous system, particularly in man; its pathways and connections. The nature of the nerve impulse; conditions for setting-up impulses; their passage from cell to cell; their discharge and resultant activity. Reflexes, sensory integration, and activity of the cerebrum. (EBF) jh, sh, c
NERVOUS SYSTEM

Netherlands, Blueprint For An Urban Society.
16 min, Color, 1971 . . . . $8.00
Observes the technological planning which is urbanizing the small but populous Netherlands, focusing on the importance of the sea in this advancement. (EBEC) jh, sh
CITY PLANNING; SOCIAL CONDITIONS

Netsilik Eskimos: Autumn River Camp, Part I.
30 min, Color, 1968 . . . . $13.00
Documents the life pattern of the Netsilik Eskimos at the North Pole. Begins with the relocation to a new camp, the manner of transportation of the household effects, the construction of temporary snow and skin shelters, ice fishing, and the cooking of the meal. Emphasizes the close family relationship. No narration–natural sounds and conversation in the native tongue. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center, UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

Netsilik Eskimos: Autumn River Camp, Part II.
30 min, Color, 1968 . . . . $13.00
Documents the life pattern of the Netsilik Eskimo at the North Pole. Begins with the construction of a more permanent igloo. The building of a sled made of animal bones, skin, and frozen fish. The manufacturing of clothing. Stresses the Eskimo's ability to make use of everything in his environment. Emphasizes the close family relationship. No narration–natural sounds and conversation in the native tongue. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

Netsilik Eskimos: Caribou Hunting at the Crossing Place.
30 min, Color, 1968 . . . . $13.00
Documents the Netsilik Eskimos hunting caribou. The animals are speared and killed by the Eskimos as they attempt to traverse a stream near camp. Film documents not only the process of capture, but also the skinning, dissection, and preparation of the animals for eating. No narration. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

Netsilik Eskimos: Fishing at the Stone Weir.
30 min, Color, 1968 . . . . $13.00
In August with a mean temperature of 40° F., these nomadic people set up camp by a major stream, and prepare for fishing. Through the use of rudimentary hand implements, the Eskimos construct fish traps, spears, drills and the instruments necessary for cleaning and preparing the fish. No narration. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

Netsilik Eskimos: Winter Sea-Ice Camp, Part I.
30 min, Color, 1968 . . . . $13.00
Documents the Netsilik Eskimos constructing igloo huts. The bitter cold and difficult terrain provide evidence of the Eskimo's fierce determination against the natural elements. Shows the important role played by their dogs. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

Netsilik Eskimos: Winter Sea-Ice Camp, Part III.
30 min, Color, 1968 . . . . $13.00
Begins with the Netsilik Eskimos constructing an igloo fort to house their small community. Shows the intricate interior and exterior construction. Communal activities among the children and adults stress the easy interaction among the tribe. Concludes with the capture and dissection of a seal lion. Part of the Anthropology series, *Man: A Course of Study*. (Education Development Center; UEVA) jh, sh, c
ANTHROPOLOGY; ESKIMOS; POLAR REGIONS

New Africa: Peoples and Leaders.
15 min, Color, 1967 . . . . $8.00
Explores the problems faced by the African states in building a nation and how they are handling these problems, including outside aid and influence. (ABC; McGraw-Hill) jh, sh, c, a
AFRICA

New Congress.
26 min, B&W, 1953 . . . . $6.50
Shows the 83rd Congress, which was committed to end the stalemate in the Korean War. Provides information on the operating procedures and history of Congress. (McGraw-Hill) c, a
U.S.–HISTORY

New Dimensions Through Teaching Films.
27 min, Color, 1963 . . . . $13.00
Set in an up-to-date Instructional Materials Center, this film emphasizes the modern role of the educational film as a basic curriculum tool. The effectiveness of a film utilization program planned for specific subject areas and grade levels is dramatically demonstrated for both lay and professional audiences, using excerpts from more than sixty films selected from Coronet's library. (Coronet) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; MOTION PICTURES IN EDUCATION; EDUCATION–METHODS

New England: Background of Literature.
10 min, Color, 1950 . . . . $7.00
This film attempts to portray the New England represented in the works of Bryant, Emerson, Longfellow, Whittier, Thoreau, Holmes, and Alcott. Thoreau's pond, Whittier's hearth, and Old Ironsides are included as points of interest in the film story. (Coronet) jh, sh, c
AMERICAN LITERATURE

New England Fisherman.
11 min, B&W, 1967 . . . . $3.50
By showing the fishing methods of one skipper and his crew out of Gloucester, the film examines the problems facing the industry. Fishing is seen as hard work–eight days at sea where

the crew tends the net around the clock. Viewers also see how the working conditions and slim wages can cause a further decline in this industry. (EBEC) el, jh
FISHING

New England Sea Community.
17 min, Color, 1964 . . . . $8.00
Depicts the daily life in a seacoast town in 1845 as it is seen by Chris, a boy of thirteen, who is completing school and must choose his future occupation. Pictures the work of the town tradesmen: the shipsmith, the ships' carver, the sailmaker, the rigger, the Chandler, the countinghouse proprietor, and the shipbuilder. Describes seafaring life aboard a fishing boat, a coastal trading ship, and a whaling vessel. Depicts the home life of the young boy, as well as the more elegant home of a whaling captain. (Indiana University) el, jh
FRONTIER AND PIONEER LIFE; U.S.–HISTORY: 1783-1900

New Guidelines for the Well-Landscaped Home.
14 min, Color, 1967 . . . . $3.50
Outlines in simple terms and, by the use of live action and animation, clearly visualizes the things one should know before undertaking any landscaping project. Shows examples of successful landscapes, various uses for trees, shrubs and flowers and ideas for incorporating related materials into the overall design. Each step of proper landscaping is explained and elaborated for the viewer. Cleared for TV. (American Assoc. of Nurserymen; USDA) c, a
GARDENING

New Reality.
51 min, Color, 1965 . . . . $19.00
Traces the discovery of the atom, emphasizing the work of Neils Bohr. (ORGANIZATION OF ECONOMIC COOPERATION AND DEVELOPMENT; IFB) sh, c, a
ATOMIC ENERGY; SCIENCE, GENERAL

New Sounds In Music.
22 min, Color, 1968 . . . . $10.00
Surveys the new experiments in music. Included are examples of electronic music and improvisation on instruments of recent invention. (Churchill) el, jh, sh
MUSIC–STUDY AND TEACHING

New Ways of Seeing.
15 min, Color, 1954 . . . . $8.00
A fascinating film designed for the beginner in art. Roger Tilton, art lecturer, uses works by Cezanne, Picasso, and Van Gogh to illustrate Professor Ben Karp's explanation of how these painters translate the world into strokes of art. (Roger Tilton) sh, c
ART

Newspaper – Behind the Scenes.
16 min, Color, 1970 . . . . $8.00
Covers important aspects of modern production methods in a metropolitan newspaper, from the copy desk to "topping" the bundles for delivery. Emphasizes the people and jobs involved in the industry. (AIMS) jh, sh
COMMUNICATION; JOURNALISM

Newspaper Story.
17 min, B&W, 1950 . . . . $4.00
Presents a vivid behind-the-scenes view of a newspaper office. Follows a human interest news story from the time a reporter first learns of it until it appears in print on the front page. Illustrates the duties of the workers who observe, write, edit, print, and distribute the daily newspaper. Shows the huge presses and other mechanical devices which make possible the printing of thousands of newspaper copies in a matter of minutes. Suggests the tremendous importance of the newspaper as a medium of communication. (EBF) jh, sh
JOURNALISM; MASS MEDIA; PRINTING

Newton's Equal Areas.
8 min, Color, 1968 . . . . $6.00
Describes Newton's proof that if forces act toward a fixed point, the line connecting the moving body and that point sweeps out equal areas in equal times. (Bruce & Katherine Cornwell; IFB) c
SCIENCE, GENERAL

Night and Fog (Nuit Et Brouillard).
31 min, Color, 1955 . . . . $13.00
Alain Resnais' brilliant and powerful film on the nightmare universe of the concentration camp is recognized as one of the great films of all time. French soundtrack with English subtitles. (Argos Films; Contemporary) sh, c, a
WORLD WAR: 1939-1945; FRENCH LANGUAGE

Night At The Peking Opera.
20 min, Color, 1959 . . . . $10.00
Documents an actual performance of the Peking Opera. Depicts the symbolism, make-up, costumes, props, and actions of the Chinese Theatre. (Claude Jaeger; Radim Films, Inc.) sh, c, a
CHINA; OPERA

Night Before Christmas.
10 min, Color, 1968 . . . . $7.00
Using original music as sung and spoken by Jerry Styner, the film utilizes a delightful three-dimensional animation technique to illustrate Clement C. Moore's famous poem. (AIMS) el, jh
CHILDREN'S FILMS

Night In Jail, A Day In Court.
40 min, B&W, 1972 . . . . $8.00
Film follows two defendants through the criminal justice process by showing the actual booking, police and court procedures. An evaluation of the case is then presented by the prosecutor, judge and defendant. (CBS) sh, c, a
CRIME AND CRIMINALS; LAW

Night Sky.
11 min, B&W, 1969 . . . . $3.50
11 min, Color, 1969 . . . . $7.00
Explores the broad scope of human inquiry into the solar system and the universe. Employs animation to focus on each point (EBEC) el, jh
ASTRONOMY

Nightmare in Red.
54 min, B&W, 1958 . . . . $9.50
This first authentic reconstruction of the historical drama of Communism inside Russia covers the old Czarist order, the revolutions of 1905 and 1917, the Provisional Government, the early days of the Communist era, the Purge Trials, World War II, and the uncertain conditions of today. (McGraw-Hill; NBC) sh, c
RUSSIA; WORLD WAR: 1939-1945

Nitric Acid.
16 min, Color, 1962 . . . . $8.00
With live action and animation the film applies fundamental principles to the descriptive chemistry of nitric acid. It demonstrates how nitric acid may act as an acid, as a base, and as an oxidizing agent. The acidity of nitric acid is shown in its reactions with water and ammonia. The mechanism of nitric acid as an oxidizing agent is discussed in terms of electric cell potentials, rates of reactions, and activation energies. Animation using molecular models, activation energy curves, and potential energy diagrams graphically clarifies the concepts of the film. (Sutherland Educational Films) sh, c
ACIDS; CHEMISTRY, INORGANIC

Nitrogen and Ammonia.
16 min, Color, 1959 . . . . $8.00
A number of simple demonstrations introduce the student to the physical and chemical properties of nitrogen and some of its simple compounds: sodium nitrite, nitrous oxide, nitric oxide, nitrogen dioxide, nitrogen tetroxide, ammonium nitrate, and some nitrides. Special attention is given to the properties and characteristics of ammonia which make it so important in the home, in industry, and in agriculture. Industrial preparation, both by the indirect and the direct methods, is shown with emphasis on the Haber method of synthesizing ammonia directly from nitrogen and hydrogen. Other uses of ammonia are outlined: as a refrigerant, as a mild cleaning agent, and, in compound form, in water purification, in dry cells, in the dye industry, and in fertilizers. (Coronet) sh, c
CHEMISTRY, INORGANIC

Nitrogen Cycle.
14 min, B&W, 1953 . . . . $4.00
Explains route followed by nitrogen in its circulation between the atmosphere and compounds making up protoplasm of living organisms. Photomicrography and cine-radiology show actual functions of root-hairs associated with nodules, fungi, and bacteria. (UWF) sh, c
BOTANY; CHEMISTRY

No Gun Towers . . . No Fences.
30 min, Color, 1969 . . . . $13.00
To qualify as a student at the Robert F. Kennedy Youth Center in Morgantown, West Virginia, a young man must break a federal law and get caught. This minimum security youth center seeks to change the behaviors of its students by stressing freedom and responsibility. Glass walls replace iron bars and spacious West Virginia mountains substitute for traditional fences. Responsibility is rewarded with bonus points, the Center's currency. Among the Center's innovations is the classification of students

with similar behavioral problems and consequent grouping of these students into their own living quarters or cottages. (NET) sh, c, a

CRIME AND CRIMINALS; EDUCATION

No Reason to Stay.

29 min, B&W, 1966 . . . . $6.50

Presents the problem of a school dropout and good reasons for staying in school. Urges the school to offer the challenge which would encourage the student to complete his education. (NFBC; EBEC) sh, c

EDUCATION–METHODS; GUIDANCE, EDUCATIONAL

Nobody Took The Time.

26 min, B&W, 1973 . . . . $6.50

Produced by the famous Dubhoff School for Educational Therapy, this film is directed toward the ghetto child handicapped with learning disabilities, (the one most often labeled mentally retarded). Teachers demonstrate that basic trust in himself and others is the first need of these children. (AIMS) c, a

BLACK AMERICANS; EDUCATION, SPECIAL

Noise Is Pollution Too.

15 min, Color, 1970 . . . . $8.00

Shows the type of noise young people are exposed to, including those they create themselves. Describes the damage that is being done and the steps that can be taken to protect oneself. (Journal Films) jh, sh

POLLUTION; PUBLIC HEALTH

Noise: Polluting the Environment.

16 min, Color, 1971 . . . . $8.00

Scientific investigation exposes various noise pollutants and shows how they affect our lives. The need for concern over our greatly increased noise level and the complexities of controlling noise are explored in detail. (EBEC) jh, sh

POLLUTION; PUBLIC HEALTH

Noisy Landscape.

14 min, Color, 1968 . . . . $8.00

Reviews the problem of too many billboards and signs in our urban environment. Contrasts typical business areas with their ugly, cluttered, noisy signs against the trend in new shopping centers. Suggests that good order and design can be achieved through coordinated planning. (American Inst. of Architects) sh, c, a

POLLUTION

Nomads of the Jungle–(Malaya).

20 min, B&W, 1948 . . . . $5.00

A jungle family locates a new home amid an abundance of fish, small game, wild fruits and vegetables. Twelve-year-old Ahlong is taken on a hunting trip and then downstream to the trading post, returning home with gifts for his family. (UWF) el, jh, sh, c, a

MALAY PENINSULA

None Of My Business.

32 min, B&W, 1969 . . . . $6.50

Examines the widespread – often fallacious – notions about welfare recipients. One of the fallacies is the belief that many people receiving welfare could work – if they really wanted to. The truth is that the aged, blind, totally disabled, and children too young to work account for ninety percent of the people on welfare rolls. This film also tries to show what life on welfare is like through conducting interviews and showing segments from the hearings of the presidential Commission on Income Maintenance. (NET) sh, c, a

POVERTY; SOCIOLOGY

Normal Birth.

11 min, B&W, 1965 . . . . $3.50

A literal photographic record of an actual delivery. (Medical Arts Prod., Inc.) sh, c, a

SEX EDUCATION; WOMEN'S STUDIES

Norman The Doorman.

15 min, Color, 1971 . . . . $8.00

Norman stood guard at the rear mouse hole of the Majestic Museum of Art. He was also an artist and one day he entered his sculpture, made out of old mouse traps, in the museum's contest. Norman's pert charm and resourcefulness convince us that mice are the most endearing of all animals. (Weston Woods) el

CHILDREN'S FILMS

North Indian Village.

32 min, Color, 1955 . . . . $13.00

A study of the village of Khalapur between 1953 and 1955, produced by a Cornell University India program, with a Ford Foundation grant for filming and research. The relationships between men and women, and hereditary occupations of castes, and forms of worship and ceremony are explored in this film. (Cornell University; IFB) sh, c, a

ANTHROPOLOGY; INDIA

Northeast Farm Community.

15 min, Color, 1964 . . . . $8.00

Portrays life of a typical farm family during the early 1800's in the Northeastern United States. Illustrates the self-sufficiency of these farmers and the importance to them of wood, water, and fertile soil. The reliance of the people on the services of the grist mill, blacksmith shop, general store, church, and school is shown. Describes the homes, types and numbers of animals, crops found on the farms, and the responsibilities of each member of the family. Through scenes of church and town meetings, this film illustrates the concept that traditions of self-sufficient independence, desire for education, devotion to God and church, and love of self-government and freedom, held by these farmers, were carried to all parts of the 19th century America. (Indiana University) el, jh

FAMILY; FARM LIFE; FRONTIER AND PIONEER LIFE

Northeastern States.

11 min, B&W, 1956 . . . . $3.50

Provides an understanding of the physical character of the region by means of animated drawings on relief maps; an interpretation of the historical development of the resources in the area; origin and distribution of people, cultural and social developments, industries–textiles, leather, steel machinery, and shipbuilding; interrelation with other regions by routes of commerce and trade. (EBF) jh, sh, c, a

U.S.–REGIONS

Northwestern States.

11 min, Color, 1956 . . . . $3.50

Depicts characteristics of the States of Montana, North Dakota, South Dakota, Wyoming, Idaho, Colorado, Nebraska, and Kansas. Topography, rainfall, drainage, fauna and flora, people, metropolitan centers, scenic and recreational features, transportation and commercial activities, natural resources, and agricultural situations are shown. Special consideration is given to interdependence of this region with other regions of the country. (EBF) el, jh, sh, c, a

U.S.–REGIONS

Not So Long Ago – Part I: 1945-1946.

21 min, B&W, 1965 . . . . $5.00

This documentary shows the principle events after World War II and how the feeling of optimism changed to uncertainty by the advent of the cold war and the Korean crisis. Part I begins with President Truman's official announcement that the Japanese have surrendered. The troops return home. Life returns to a peacetime economy. The film highlights current fashion trends and the famous personalities of the day. (Part of the award-winning "Project 20" series.) (NBC; McGraw-Hill) jh, sh, c

COMMUNISM; HISTORY; U.S.–POLITICS

Not So Long Ago – Part II: 1946-1950.

33 min, B&W, 1965 . . . . $6.50

Part II begins with Churchill's famous "Iron Curtain" speech. The Russians are employing the veto at the U.N. and are showing aggressive tendencies in Iran and Eastern Europe. The nation develops an angry and fearful anti-communist attitude. The House Un-American Activities Committee is born. The Marshall Plan is inaugurated in Europe. Harry Truman is re-elected after his famous "whistle-stop" campaign. Television becomes a standard household appliance. Russia explodes its first atomic bomb and the age of anxiety is ushered in. The Korean War begins. Peace has lasted only five years. (Part of the award-winning "Project 20" series.) (NBC; McGraw-Hill) jh, sh, c

U.S.–POLITICS; UNITED NATIONS; INTERNATIONAL COOPERATION

Notes On A Triangle.

5 min, Color, 1968 . . . . $6.00

Uses animation to examine the different characteristics of the equilateral triangle. (NFBC; IFB) jh, sh, c

GEOMETRY; MATHEMATICS

Nuclear Magnetic Resonance.

28 min, Color, 1967 . . . . $13.00

Demonstrates the basic working principles of NMR, the operation of the analytical instrument and interpretation of the data obtained. (UCLA; WILEY) c

CHEMISTRY; NUCLEAR PHYSICS; PHYSICS

Number System.

13 min, Color, 1953 . . . . $7.00

Illustrates the principles of the number system by organizing a large number of objects (in this case, Boy Scouts) into groups of ten. Shows how written records of such groupings can be made by means of tallies or numerals and the idea of place value. (EBF) el
MATHEMATICS

Number System and Its Structure.
11 min, B&W, 1961 . . . . $3.50
This film reviews the concepts on which any number system is based and introduces the binary system used in electronic computers. A survey of the place of integers, fractions and negative numbers in our number system, and an explanation of the commutative, associative, and distributive laws and closure principles of arithmetic will give the student a basis for further progress in mathematics. (Coronet) sh, c
MATHEMATICS

Nutritional Quackery.
20 min, Color, 1967 . . . . $10.00
Expounds the four favorite myths of nutritional quackery: the diet-disease myth, the soil-depletion myth, the over-processing myth, the subclinical-deficiency myth. Throughout the film, the important function of the Food and Drug Administration is demonstrated. (AIMS) sh, c, a
HOME ECONOMICS; NUTRITION

O

Oasis.
11 min, Color, 1965 . . . . $7.00
Vividly depicts an oasis in the Libyan desert as a fertile island in a sea of sand. Shows that the date palm tree, symbol of an oasis, plays an important part in the life of the oasis dweller. Film sequences reveal the problem of irrigation, women making bread and weaving garments, and men fashioning leather shoes and belts. Pictures the crowded market place where inhabitants carry on trade with nomads and where community life in an oasis is centered. (EBF) el
CLIMATE; GEOGRAPHY

Obedience.
45 min, B&W, 1965 . . . . $8.00
Presents an experiment conducted on obedience to authority. Describes both obedient and defiant reactions of subjects who are instructed to administer electric shock of increasing severity to another person. (Stanley Milgram; New York University Film Library) c
PSYCHOLOGY; SOCIAL ETHICS

Oberbayern.
15 min, Color, 1961 . . . . $8.00
Depicts life in Upper Bavaria with a broad range of subject matter and ideas presented in clearly enunciated German. (IFB) sh, c, a
GERMAN LANGUAGE FILMS

Obesity–Problems of Fat Formation and Overweight.
12 min, Color, 1952 . . . . $7.00
Illustrates the physiology of fat formation in the human body and analyzes physiological and psychological causes of overweight. Reveals ways in which body weight can be controlled and explains the danger of uncontrolled fat accumulation. (EBF) sh, c, a
NUTRITION; PHYSIOLOGY

Occurrence at Owl Creek Bridge.
27 min, B&W, 1962 . . . . $6.50
Visually retells Ambrose Bierce's Civil War story of a young man caught in an act of sabotage and hanged. In his last seconds of life he escapes and, in a nightmarish dreamlike sequence, races to join his beloved wife. (Academy award winner) (Enrico; Contemporary) jh, sh, c, a
U.S.–HISTORY; CIVIL WAR; AMERICAN LITERATURE

Ocean Tides (Bay of Fundy).
16 min, Color, 1956 . . . . $8.00
Explains by animation how tides are caused and pictures the unusual tides in and near the Bay of Fundy. The forty-foot tides in the Bay, the tidal bore that rushes up the Petitcodiac River, and the reversing falls-rapids of the Saint John River are depicted. The influence of tides upon the people who live near the ocean is shown. (EBF) jh, sh, a
CANADA–DESCRIPTION AND TRAVEL; OCEANS; RIVERS

Oceanography: The Study of Oceans.
15 min, Color, 1968 . . . . $8.00
Presents a comprehensive view of the many different scientists who are involved in studying the ocean: the meteorologist, the physicist, the chemist, the biologist, and the geologist. (Altschul; Journal Films) jh, sh
OCEANS; SCIENCE, GENERAL

Of Black America: Black History: Lost, Stolen, or Strayed.
54 min, B&W, 1968 . . . . $8.50
This film is a Bill Cosby guided tour through a history of attitudes–black and white–and their effect on the Black American. It is a portrayal of some of the things that happen to an American–if he is black. Cosby reviews Black Americans' achievements omitted from American history texts, the absence of recognition of Africa's contributions to Western culture, and the changing Hollywood stereotype of the Black American. (CBS, BFA) jh, sh, c, a
U.S.–HISTORY; SOCIOLOGY; BLACK AMERICANS

Of Black America: Black Soldier.
26 min, B&W, 1968 . . . . $6.50
This film narrated by Bill Cosby, illustrates the history of Black American participation in America's armed forces. Paintings, drawings, cartoons and etchings of famous battles, as well as, rare silent news footage of World War I, and film of World War II, the Korean War and the war in Vietnam are shown. (CBS, BFA) jh, sh, c, a
U.S.–HISTORY; SOCIOLOGY; BLACK AMERICANS

Of Black America: Black World.
53 min, B&W, 1968 . . . . $9.50
In an international round-robin conversation, moderated by Mike Wallace, the black man's position in the world today is examined. Panelists Rep. John Conyers, Jr. in Washington, D.C., the Hon. Thomas Mboya of Kenya in Nairobi, Floyd McKissick of the Congress of Racial Equality in New York, and Dr. Alex Kwapong, Vice Chancellor of the University of Ghana, discuss the civil rights movement in America and how it looks to Africans. (CBS, BFA) jh, sh, c, a
CIVIL RIGHTS; BLACK AMERICANS; SOCIOLOGY

Of Black America: Body and Soul–Body, Part I.
25 min, B&W, 1968 . . . . $5.00
An examination of the Black Americans' contribution to sports in America is reported on by Harry Reasoner. Harry Edwards, leader of this year's threatened Olympic Games boycott, is interviewed along with leading black athletes Tommie Smith, Lee Evans, Charlie Greene, Jim Hines and Ralph Boston. (CBS, BFA) jh, sh, c, a
BLACK AMERICANS; SOCIOLOGY

Of Black America: Body and Soul–Soul, Part II.
25 min, B&W, 1968 . . . . $5.00
Soul music is discussed in detail by singer Ray Charles. Mr. Charles explains that because of isolation and the misery and humiliation suffered by the American black man, he developed many of his own music and dance forms. Only through this outlet of rhythm and blues has the black man been able to release some of his frustration and grief. Singers Mahalia Jackson, Billie Holiday, and Aretha Franklin cry out their souls to make a rich contribution to American music. (CBS, BFA) jh, sh, c, a
SOCIOLOGY; AFRO-AMERICANS; MUSIC

Of Black America: Heritage of Slavery.
53 min, B&W, 1968 . . . . $9.50
This film is an examination of slavery and the attitudes established during slavery which still persist today. CBS NEWS reporter George Foster interviews descendants of plantation owners and present day black activists, demonstrating the parallels between attitudes under slavery and now. As the film shows, the past has influenced the present. Graphics and readings from accounts by slaveowners and slaves capture the quality of life in the days of slavery. (CBS, BFA) jh, sh, c, a
U.S.–HISTORY; AFRO-AMERICANS; SOCIOLOGY

Of Black America: In Search of a Past.
53 min, B&W, 1968 . . . . $9.50
A six week visit to Ghana by three black Washington, D.C. high school students was filmed by CBS NEWS. An effort was made to discover how pertinent Africa is to today's Black American. Through the eyes of these three young people, we examine African civilization. (CBS, BFA) jh, sh, c, a
U.S.–HISTORY; AFRO-AMERICANS; SOCIOLOGY

Of Black America: Portrait in Black and White.
54 min, B&W, 1968 . . . . $9.50
This examination of black attitudes toward the white commu-

nity and white attitudes toward the black was produced with the use of a nationwide poll. CBS NEWS prepared a 45 minute questionnaire and interviewed some 1,500 people. The results of these interviews show people's attitudes and feelings on the race question to be both subtle and complex. (CBS, BFA) jh, sh, c, a
AFRO-AMERICANS; SOCIOLOGY

Of Broccoli and Pelicans and Celery and Seals.
30 min, Color, 1970 . . . . $13.00
Pesticides sprayed on the Oxnard Plain in California are being washed to sea where they are contaminating fishes which are, in turn, eaten by birds, seals, and man. Tragic scenes show pelican eggs breaking because of DDT's interference with calcium production. By 1969, 600 pairs were able to raise only five young. Mother sea lions are shown battering and killing their cubs. While a causal relationship has not yet been proven, DDT derivatives have been linked to hormone inbalances in the adult sea lions. DDT derivatives are toxic, stable for up to twenty years, and they accumulate in the fatty tissues of all living things. DDT starts and ends with man. (NET) sh, c, a
ECOLOGY; POLLUTION

Of Time, Work, and Leisure.
29 min, B&W, 1963 . . . . $6.50
A documentary presentation of the concepts set forth in Sebastian de Grazia's provocative study by the same name. In our work-oriented, clock dominated society, we have won "time off" but we have lost the ability to appreciate true leisure. (NET) sh, c, a
GUIDANCE, PERSONAL; SOCIOLOGY

Of Town and Country.
14 min, Color, 1955 . . . . $3.50
This film depicts the contrast in the operation of a modern ice cream factory with methods of 50 years ago, stressing occupational opportunities. (Connecticut Dairy and Food Council) el, jh
DAIRY PRODUCTS; GUIDANCE, VOCATIONAL

Oh! Woodstock!
26 min, Color, 1969 . . . . $13.00
The same film segment of the Woodstock Rock Festival is used twice in the same piece. The first time, a group of five young people comment on it. The second time, it is commented on by a rabbi, a councilman, a sociologist, and two psychologists. (NBC) jh, sh, c, a
SOCIAL CONDITIONS

Oisin.
17 min, Color, 1973 . . . . $8.00
This film without commentary which bears the name of the legendary Gaelic hero-poet of the third century is a tribute to the beauties of nature. (IFB) jh, sh, c
MOTION PICTURES, EXPERIMENTAL

Old Africa and the New: Ethiopia and Botswana.
17 min, Color, 1968 . . . . $8.00
A look at Africa's past, especially that of North Africa and Ethiopia, contrasted with the present. Illustrates some of the problems common to all developing nations. (ABC; McGraw-Hill) jh, sh, c
AFRICA

Old Hickory.
17 min, Color, 1939 . . . . $8.00
Produced by Warner Brothers, this film is a pictorial biography of Andrew Jackson from the battle of New Orleans in 1812 through his presidential career. (TFC) el, jh, sh
U.S.–BIOGRAPHY; U.S.–HISTORY: 1783-1900; STATESMEN

Old MacDonald.
25 min, B&W, 1958 . . . . $3.50
Behind-the-scenes preparations for a television interview with a prosperous farmer reveal the many changes that have taken place in farm life and methods in recent times. The film will appeal to farm audiences and to school career-study groups as well. (AFMA) sh, a
FARM LIFE

Olympics.
26 min, B&W, 1966 . . . . $6.50
The story of the quadrennial games from their origin on through many of their memorable highlights. Studies one example of the growing inter-action among nations in a shrinking world. (EBEC) jh, sh
HISTORY, UNIVERSAL; INTERCULTURAL COOPERATION; SPORTS

On Every Hand.
10 min, Color, 1971 . . . . $7.00
Film informs students how to escape serious hand injury from commonly used, but potentially dangerous equipment: shearing devices like paper cutters, machines employing a rotating motion such as fans and drills, wringer action machinery like conveyor belts, and smashing devices such as presses. (Journal Films, Inc.) jh, sh
SAFETY EDUCATION

On Guard–Bunco!
26 min, Color, 1970 . . . . $13.00
Alerts and informs the audience about subtle criminals who prey upon the unwary through fraudulent schemes such as those dramatized. (AIMS) sh, c, a
CONSUMER EDUCATION; CRIME AND CRIMINALS

On the Difference Between Words and Things.
30 min, B&W, 1956 . . . . $6.50
One in a series of six filmed lectures by Irving J. Lee of Northwestern University under the title "Talking Sense!" Discusses the consequences of forgetting that words alone may lead to unrealistic behavior. Emphasizes that words make it easy for us to distort our descriptions of reality and shows that the tendency of exaggeration ignores the present state of a person or thing. Recommends the use of the dimension of time in our speech as well as greater attention to things. (Iowa State University TV; Indiana University) sh, c, a
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

On The Fifth Day.
28 min, Color, 1973 . . . . $3.50
Depicts the evolution of the horse and the history of man's domestication and breeding of the horse up to the contemporary American quarter horse. (AQUA) sh, c, a
EVOLUTION; SPORTS

Once Upon A Man.
52 min, Color, 1973 . . . . $19.00
Illustrates the four R's of penal philosophy–restraint, reform, rehabilitation and reintegration–by way of a fictional representation of Jim McCourt, a correctional officer who is imprisoned and sees inmate life from the inside. Intended for training future correctional officers and college classes in Criminology. (PRODUCED BY MICHAEL T. GREGORIC UNDER A GRANT FROM THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE; UCONN) c, a
CRIME AND CRIMINALS; SOCIOLOGY

One Bug is Too Many.
21 min, Color, 1964 . . . . $3.50
The film story reveals how tuberculosis was found in a slaughtered animal at a packing plant, and how the animal's ownership was traced, thus leading to the discovery of the disease in other animals and herds. (USDA) c, a
DISEASES; MEDICINE

One Day on the Farm.
10 min, Color, 1955 . . . . $7.00
The film covers a number of the characteristics of a farm, showing some of the usual tasks of the farmer and his family: how the cows and chickens are cared for, what they eat, and their value to the farmer in providing milk to be sold for dairy products, and eggs to be sold at market. Signs of autumn on the farm and preparations for and moments immediately after the birth of the young calf enrich the experience of this film visit to a farm. (Coronet) el
FARM LIFE

One In A 100.
25 min, B&W, 1966 . . . . $3.50
This film highlights one of the 100 questions that make up a complete College Board Achievement Test. The question the film explores concerns the Reconstruction Period in the South, and is being considered for inclusion in an American History Test. As the film follows the question through various stages of its development, the elements that go into the making of a good objective test are interestingly set forth. Focus is on a series of candid and lively discussions by a committee of high school and college teachers who are charged with developing the test. These discussions bring out two important aspects of test-making: the relationship of the test content to the high school curriculum, and the abilities and skills that multiple-choice questions are designed to measure. Other sequences include unrehearsed high school history class discussions and views of the test development process at the Educational Testing Service. (Educational Testing Service) sh, c, a
EDUCATION–METHODS

One Monday Morning.
10 min, Color, 1972 . . . . $7.00
A boy imagines that the King, the Queen, the little prince, the knight, a royal guard, the royal cook, the royal barber, the royal jester, and a little dog come to visit him on Monday and throughout the week. But he isn't home to receive his important visitors. (Weston Woods) el
CHILDREN'S FILMS

One Rainy Day: Background for Reading and Expression.
10 min, B&W, 1953 . . . . $3.50
One rainy day, children in a class listen intently to a story about another rainy day. When the story is ended, the children have learned how a storm begins with winds, clouds, thunder and lightning–what the rain does for soil, plants, cities, and people. Suddenly, the storm stops and a rainbow appears. The children feel that this is a wonderful way to end a rainy day. (Coronet) el
WEATHER; STORIES

One Step at a Time.
28 min, B&W, 1965 . . . . $6.50
A film which defines programmed instruction, reports research findings concerning its effectiveness, and suggests possible means of using programmed instruction in the schools. (American Institute for Research) c
EDUCATION–METHODS

One, Two, Many: Early Object Handling.
15 min, Color, 1972 . . . . $8.00
Follows the development of manual skill in children and takes this process as an indicator of both sensory motor development and acquisition of problem-solving capacity. (Harvard Cntr. for Cognitive Studies; WILEY) c
CHILD STUDY; PSYCHOLOGY

Only Benjy Knows: Should He Tell?
14 min, B&W, 1970 . . . . $3.00
Portrays a conflict situation involving the dilemma of tattling. Provides a basis for an objective discussion of alternative solutions. (EBEC) el
GUIDANCE, PERSONAL

Opera with Henry Butler.
26 min, Color, 1970 . . . . $13.00
Henry Butler, stage director of the New York Metropolitan Opera, explains the dynamic appeal of opera. Powerful scenes from Pagliacci demonstrate how music and plot are interwoven to portray a full range of human emotions with shattering impact. (LCA) jh, sh, c, a
MUSIC; OPERA

Opportunities in Home Economics.
18 min, Color, 1968 . . . . $3.50
Shows two of the main purposes of home economics: to prepare students for their role in life as members of a family and to utilize the knowledge and skills of home economics for gainful employment. The film is designed to show how students not bound for college (both boys and girls) and adults may enroll in training programs in the public schools which lead to employment in the community. (Connecticut State Department of Education) jh, sh, a
HOME ECONOMICS; GUIDANCE, VOCATIONAL

Orange and the Green.
21 min, Color, 1969 . . . . $10.00
This study probes the irrational hatred and brutality that results from the lack of understanding between groups. It focuses on Northern Ireland to provide a classic example of the pattern of prejudice. (NBC) jh, sh, c, a
IRELAND; SOCIAL CONFLICT

Orange Grower.
10 min, B&W, 1967 . . . . $3.50
Traces the industrial and agricultural development of an important business–growing and marketing oranges. The film reviews the history of cooperative packing houses in California and the reason for their existence. Equally important are the scientific advances in the care of trees and horticultural improvements. Scenes of sorting and grading show another aspect of a big business. (EBEC) el
FARM PRODUCE

Orders of Insects.
30 min, Color, 1966 . . . . $13.00
This educational film is especially constructed for use in university biology courses. It first points out the general characteristics of insects, then considers separately the nine most common orders: *Orthoptera, Blattariae, Odonata, Hemiptera, Homoptera, Coleoptera, Lepidoptera, Diptera and Hymenoptera.* It shows the characteristics of each order, many closeups of live insects, and the typical habitats in which they may be found. It is designed to bring the color, movements, and life habits to the student who otherwise would view only dead insect specimens in the laboratory. Although some technical terms are used, the film is also suitable for advanced high school biology courses. (Thorne Films, Inc.) sh, c
INSECTS AND SPIDERS; BIOLOGY

Oregon Trail.
25 min, B&W, 1956 . . . . $5.00
Filmed in the reconstruction frontier town of New Salem, Illinois, and along the Oregon Trail, this film recreates the tremendous saga of the Westward crossings of the American continent through the eyes of a pioneer family. (EBF) el, jh, sh
FRONTIER AND PIONEER LIFE; U.S.–TERRITORIAL EXPANSION

Origin of Land Plants: Liverworts and Mosses.
14 min, Color, 1963 . . . . $8.00
Traces the evolution of land plants and illustrates the structural characteristics, reproductive processes, and adaptive mechanisms of liverworts and mosses. Shows their relationship to the development of higher land plants. Photomicrography, macrophotography, and animated drawings are used to illustrate the adaptive and reproductive processes. (EBF) sh, c
ADAPTATION (BIOLOGY); BOTANY; HEREDITY

Origin of Life.
25 min, Color, 1971 . . . . $10.00
How did life begin? This film describes the building blocks of life–the cell; its component atoms of carbon, hydrogen, oxygen and nitrogen; and, in turn, atomic components and their organic compounds and chemical reactions. The film presents these simple compounds as the raw materials from which life emerged under primitive environmental conditions. The viewer learns such things as how amino acids are spontaneously formed from simple gases, the formation of cells from polymers, and the evolution of living things that use oxygen. (Wiley) c
BIOLOGY; CELLS; CHEMISTRY

Original Films of Frank B. Gilbreth.
48 min, B&W, 1944 . . . . $9.50
Frank B. Gilbreth during his lifetime made over 250,000 feet of 35 mm motion picture film of a wide variety of subjects. Out of his research, motion study was developed. James S. Perkins, after reviewing and indexing these original films, selected certain sequences to supply the historical background of motion study techniques. (Chicago Chapter, Society for Advancement of Management) c, a
MOTION PICTURES, EXPERIMENTAL; JOB ANALYSIS

Origins of Man.
30 min, B&W, 1965 . . . . $6.50
Dr. William White Howells, professor of Anthropology at Harvard University, presents the latest findings and theories on the origins of man. Cameras visit Dr. Howells at Harvard's Peabody Museum which has a large collection of fossil findings. Through actual exhibits and slide material, Dr. Howells pieces together evidence of the process of human evolution. Dr. Howells points out that many of the most important discoveries of the early forerunners of man have been in the last twenty years. (NET) sh, c, a
BIOLOGY; EVOLUTION

Origins of Weather.
13 min, B&W, 1967 . . . . $3.50
Explains how the earth is protected from extremes of heat and cold by the surrounding thin layer of atmosphere. Shows how the sun's heat is distributed by moving masses of air and how the activities of cold and warm fronts produce constantly changing weather conditions. (NFBC; EBEC) el, jh
ATMOSPHERE; CLIMATE; WEATHER

Orisons.
18 min, Color, 1967 . . . . $3.50
Tours the churches of Nova Scotia, telling some of the church history and noting church architecture against a background of choir music. (NFBC; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL; ARCHITECTURE

Orthogonal Projection.
13 min, Color, 1965 . . . . $7.00
This film considers the problem of the orthogonal projection of a given triangle into an equilateral triangle. The problem is solved by considering the ellipse which touches the sides of the triangle at their midpoints. (The construction of this ellipse is the subject of CENTRAL SIMILARITIES.) This ellipse is projected ortho-

gonally into a circle, effecting a solution. The discussion includes division of line segments into given ratios, invariance under orthogonal transformations, and properties of an ellipse derived from properties of a circle. (Minnimath Film Group; IFB) sh, c
GEOMETRY; MATHEMATICS

Osmosis.
17 min, Color, 1958 . . . . $8.00
Illustrates the processes involved in osmosis and explains how water is transported through a plant. (EBF) jh, sh
BOTANY; PHYSIOLOGY

Other Women, Other Work.
20 min, Color, 1973 . . . . $10.00
Vignettes of a number of unusual women comprise a film dedicated to changing attitudes toward suitable "woman's work." For occupational guidance, but not vocational training. (Churchill) jh, sh
WOMEN STUDIES

Our Big Ocean.
13 min, Color, 1970 . . . . $7.00
Gives young children a first understanding of the most basic concepts about the ocean, and answers the questions they most commonly ask concerning the size of the ocean, what causes its waves, the creatures that inhabit the ocean and why the ocean is important. (Journal Films, Inc.) el
OCEANS; SCIENCE, GENERAL

Our Big, Round World (Concepts for Geography).
10 min, B&W, 1953 . . . . $3.50
We take two imaginary air trips around the world, first going from West to East. On this trip we find that the earth is round and learn the relations of time and day and night to the earth and sun. Our second journey from North to South, shows us the great temperature zones of our earth, and how the climate in these zones is affected by distances from the equator. (Coronet) el, jh
CLIMATE; EARTH; GEOGRAPHY

Our Changing Cities: Can They Be Saved?
17 min, Color, 1972 . . . . $8.00
This thought-provoking film focuses on the crises of the city: its unemployment, social conflicts, poverty, and crime. Using drawings and photography, the film finds the roots of these problems in the technological revolution that has made it increasingly difficult for the unskilled to find work. (EBEC) jh, sh, c
CITY PLANNING; SOCIAL PROBLEMS

Our Changing Family Life.
22 min, B&W, 1959 . . . . $5.00
A farm family in 1880 is shown as a closely integrated unit–economically, culturally, emotionally. Members of the three generations living under one roof contribute to the family life according to a well-established pattern. Religion and recreation, in addition to the sharing of work, play important roles in holding the family together as an institution. Since 1880, industrial expansion, the growth of cities and the political and economic emancipation of women have radically changed the traditional pattern of family life. The film shows how the farm family has become less important as an economic and social unit, how the roles of husband and wife in the urban family have shifted, and how the companionship of marriage has become even more important in today's impersonal urban society. (McGraw-Hill) sh, c
FAMILY

Our Community.
10 min, B&W, 1953 . . . . $3.50
Illustrates important community institutions and their services by portraying a day in the life of a ten-year-old boy. Depicts such services as police and fire protection, health safeguards, and parks and recreational facilities. Points out ways in which the members of a community serve each other, and emphasizes that membership in a community is a responsibility as well as a privilege. (EBF) el
COMMUNITY SERVICES

Our Country's Flag.
11 min, Color, 1960 . . . . $7.00
This film explains the new flag of fifty stars and thirteen stripes, and explains its symbolism. The film also discusses the "Pledge of Allegiance" in terms of everyday activities, and reviews the rules of respect to the flag. (Coronet) el
PATRIOTISM

Our Immigrant Heritage.
32 min, Color, 1967 . . . . $13.00
This film tells the story of the diverse peoples who became Americans from the Revolutionary period to the present day. It points out that the discriminations which immigrants have suffered here leaves little room for complacency. Except for the American Indians, each of us has a heritage from another land. (McGraw-Hill) el, jh, sh
HUMAN RELATIONS; U.S.–HISTORY

Our Inheritance from Historic Greece.
10 min, B&W, 1952 . . . . $3.50
How our American life reflects the culture of Greece in language, thought, architecture, drama and even mathematics, is portrayed in this motion picture. Classes will have the opportunity to develop a sense of appreciation for our heritage from Greece by re-living the events of those times which are shown in relationship to their own everyday life. (Coronet) el, jh, sh, c, a
GREECE; HISTORY, UNIVERSAL

Our Living Bill of Rights: Equality Under Law–California Fair Housing Cases.
20 min, Color, 1969 . . . . $10.00
Re-creates the turmoil of a 1964 election in California when people were asked to vote on an amendment to the State constitution that would nullify enforcement of open housing laws. (EBEC) jh, sh, c
CIVIL RIGHTS; DEMOCRACY; HUMAN RELATIONS; LAW; SOCIOLOGY

Our Living Bill of Rights: Equality Under Law–Lost Generation of Prince Edward County.
25 min, B&W, 1967 . . . . $5.00
25 min, Color, 1967 . . . . $10.00
Shows how the Prince Edward case was fought in state and federal courts. A Supreme Court injunction reopened the schools and 99% of the white children continued to attend private schools. (EBEC) jh, sh, c
CIVIL RIGHTS; HUMAN RELATIONS; LAW; SOCIOLOGY; U.S.–CONSTITUTION

Our Living Bill of Rights: Free Press vs. Fair Trial by Jury–Sheppard Case.
27 min, B&W, 1970 . . . . $6.50
27 min, Color, 1970 . . . . $13.00
A study of the trial of Dr. Sam Sheppard in 1954. Documentary footage of key figures and re-enactment of the crime reveal the conflict between freedom of the press and the rights of the accused. (EBEC) jh, sh, c
JOURNALISM; LAW; SOCIOLOGY

Our Living Bill of Rights: Freedom to Speak–People of New York vs. Irving Feiner.
23 min, B&W, 1967 . . . . $5.00
23 min, Color, 1967 . . . . $10.00
Based on the case of Feiner vs. New York (1951). This case of a college boy convicted of disorderly conduct is followed by an analysis of the majority and dissenting opinions of the justices. (EBEC) jh, sh, c, a
CIVIL RIGHTS; LAW; SOCIOLOGY; U.S.–CONSTITUTION

Our Living Bill of Rights: Justice Under Law–Gideon Case.
23 min, B&W, 1966 . . . . $5.00
23 min, Color, 1966 . . . . $10.00
Involves students in the concept of justice through a case study of Gideon vs. Wainwright (1963). (EBEC) jh, sh, c, a
LAW; SOCIOLOGY; U.S.–CONSTITUTION

Our Living Bill of Rights: Schempp Case–Bible Reading in Public Schools.
35 min, Color, 1970 . . . . $13.00
Presents the issues, the background, and re-creates emotion-charged incidents involved in Bible reading and prayer in a public high school. (EBEC) jh, sh, c
EDUCATION; RELIGION; SOCIAL PROBLEMS

Our National Parks.
52 min, Color, 1967 . . . . $19.00
Surveys major national parks. Explores their value, overcrowding and the need for expansion. (NGS) jh, sh
NATIONAL PARKS AND RESERVES

Our Post Office.
11 min, B&W, 1965 . . . . $3.50
Highlights everyday activities in a city post office. By watching a boy and girl send an order to a mail-order house, young students see how to address envelopes properly and how to buy a money order. They also see how letters are cancelled, sorted, and distributed; and get an insight into the activities at an airport and in a railway post office. (EBEC) el
POSTAL SERVICE

Our Sun and Its Planets.
11 min, Color, 1970 . . . . $7.00
Shows our solar system, how it was formed, why planets shine, their physical features and moons. (Coronet) el
ASTRONOMY

Our Vanishing Wilderness Series:
A series of eight films on ecology showing the intricate relationship between man and his natural environment. These films effectively show that man's exploitation of his natural environment has endangered his own welfare. OUR VANISHING WILDERNESS was created by naturalists Shelly and Mary Grossman and John Hamlet. This series is based upon their book by the same title. In linking DDT to wildlife in California, pipelines to the wilderness of Alaska, and man's control of water to alligators in Florida, these films explore the political, economic, and social changes that must take place if our environment is to be saved and the quality of life improved.
CHAIN OF LIFE
OF BROCCOLI AND PELICANS AND CELERY AND SEALS
PRAIRIE KILLERS
PRUDHOE BAY–OR BUST
SANTA BARBARA–EVERYBODY'S MISTAKE
SLOW DEATH OF THE DESERT WATER
WATER IS SO CLEAR THAT A BLIND MAN COULD SEE
WILL THE GATOR GLADES SURVIVE?
For descriptions see individual film titles.

Our Weather.
11 min, B&W, 1955 . . . . $3.50
Shows how weather affects our lives, what causes the weather, how weather conditions are measured and forecast. (EBF) el
WEATHER

Our Wonderful Body: Heart and Its Work.
11 min, Color, 1968 . . . . $7.00
A young boy learns about his heart, blood, and blood vessels from the construction of a simple circulatory system. (Coronet) el
PHYSIOLOGY; SCIENCE, GENERAL

Our Wonderful Body: How It Grows.
11 min, Color, 1968 . . . . $7.00
Shows how people grow at different speeds and attain different sizes, and where growth materials come from. (Coronet) el
PHYSIOLOGY; SCIENCE, GENERAL

Our Wonderful Body: How It Moves.
11 min, Color, 1968 . . . . $7.00
A skeleton and working model of the arm demonstrate the combined action of bones, muscles and joints which make the body move. (Coronet) el
PHYSIOLOGY; SCIENCE, GENERAL

Our Wonderful Body: How Its Parts Work Together.
11 min, Color, 1968 . . . . $7.00
Life-size models show how important parts of the body work together to make running, seeing, hearing and thinking possible. (Coronet) el
PHYSIOLOGY; SCIENCE, GENERAL

Our Wonderful Body: How We Breathe.
11 min, Color, 1968 . . . . $7.00
A life-size operating model of a lung and simple demonstrations show how the diaphragm works and how the body uses oxygen to breathe. (Coronet) el
PHYSIOLOGY; SCIENCE, GENERAL

Our World.
18 min, Color, 1957 . . . . $10.00
Documents the activities of an intermediate grade class as they learn about the world through the construction of a globe, four feet in diameter. (IFB) el, jh
MAPS AND GLOBES; SCIENCE, GENERAL

Over In The Meadow.
9 min, Color, 1969 . . . . $6.00
A sing-a-long film. Presents an old counting song for children. (Weston Woods) el, jh
CHILDREN'S FILMS; FOLK MUSIC

Overcoming Resistance to Change.
34 min, B&W, 1963 . . . . $6.50
Dramatic examples and animation show how supervisors can overcome the normal tendency of their people to oppose new ideas and procedures. (Roundtable Productions) c, a
BUSINESS; COMMUNICATION; PERSONNEL MANAGEMENT

Over-Dependency.
32 min, B&W, 1949 . . . . $6.50
The case history of Jimmy, an attractive young man whose life is crippled by behavior patterns carried over from a too-dependent childhood. When we first see Jimmy he is sick, though his illness has no physical cause. He finds it difficult to face and deal with the ordinary problems of life and takes frequent refuge in the comforting of his mother, sister, and wife. But, through the retracing of childhood experiences in talks with a doctor, Jimmy comes to understand the emotional causes of his illness and fear, and takes hold of life with new confidence. (NFBC; McGraw-Hill) c, a
PSYCHOLOGY

Overhead Television: A New Visual Aid.
27 min, B&W, 1963 . . . . $6.50
Features a new concept in audiovisual equipment–an overhead TV camera–and depicts ways it can be used in teaching. Shows a vidicon camera with a zoom lens mounted above the instructor and demonstrates how it may be used as a chalkboard, a close-up viewer, and a device for presenting animation. States that it would do the work of the slide projector and the opaque projector and compares its costs with these pieces of equipment. Disadvantages are small screen size and lack of color, but concludes that these will be remedied by technological developments in the near future. (UCLA) c, a
AUDIOVISUAL EQUIPMENT–OPERATION AND MAINTENANCE; TELEVISION

Overture/Nyitany.
9 min, Color, 1965 . . . . $6.00
Using Beethoven's Egmont Overture as background music and employing color x-ray cameras, documents the development of a chicken embryo. (Multi-award winner) (Mafilm Prod.; Contemporary) el, jh, sh, c, a
EMBRYOLOGY

Owl and Fred Jones.
15 min, Color, 1960 . . . . $3.50
Using animation techniques, this film shows that habits are good or bad, and explain how important it is to control them. Using the example of overeating, specific steps are listed which can lead to change. (Equitable Life Assurance Society) sh, c, a
GUIDANCE, PERSONAL

Owl and the Pussy-Cat.
3 min, Color, 1972 . . . . $6.00
This tale of the amorous voyage of a seemingly ill-assorted pair is perhaps the best loved of all the verses by the king of nonsense, Edward Lear. (Weston Woods) el
CHILDREN'S FILMS; STORIES

Owl Who Gave A Hoot.
14 min, Color, 1969 . . . . $3.50
Basic information about buying intelligently, buying within income. Points out the proper steps to take, individually or collectively, to become wiser consumers and take full advantage of limited resources. Entertaining cartoon presents the myriad problems of low-income consumers. (USOEO; National Audiovisual Center) sh, c, a
CONSUMER EDUCATION

Oxidation-Reduction.
10 min, Color, 1961 . . . . $7.00
This film shows the difference between oxidation and reduction and provides a basic and broadened explanation of this type of reaction in terms of electron transfer. (McGraw-Hill) sh, c
CHEMISTRY, INORGANIC

P

Paddle to the Sea.
28 min, Color, 1967 . . . . $13.00
A Children's Odyssey–the journey of a hand-carved toy canoeman from Canada's northern forest downstream to the distant sea. The film is from a story of the same name by Holling C. Holling. Provides a vivid impression of Canada's varied landscape and the life of its waterways. (Award winner) (NFBC; Contemporary) el
STORIES; CANADA–DESCRIPTION AND TRAVEL

Painters in the Modern World.
20 min, Color, 1970 . . . . $10.00
Shows how three artists paint in the context of today's technological environment and economic structure. (Woodbridge Art Gallery; IFB) sh, c
ART, MODERN; PAINTING AND PAINTINGS

Painting a Portrait.

11 min, Color, 1959 . . . . $7.00

A skillful, easy-to-follow demonstration of techniques for achieving a successful likeness in water-color. Mr. O'Hara suggests ways to develop skill in forecasting drying time and fading, interpreting the effects of lighting on the planes and angles. (EBF) jh, sh, c, a

ART; ART-STUDY AND TEACHING; PAINTING AND PAINTINGS

Painting: Creative Process.

15 min, Color, 1967 . . . . $8.00

Reginald Pollack, the artist, is observed as he goes about the organization of the materials he needs for his work. Each artist has his own way of creating a painting. We see a painting from conception to completion. (Kahana Film; BFA) el, jh, sh, c, a

ART–STUDY AND TEACHING; PAINTING AND PAINTINGS

Painting Movement and Color with Chalk.

11 min, Color, 1958 . . . . $7.00

Stresses the point that by making abstractions of situations in life, in large forms, with chalk as the medium, the student need not have skill in representational drawing, but may easily reach an understanding of rhythm and color in art. (IFB) sh

ART–STUDY AND TEACHING: PAINTING AND PAINTINGS

Painting Ship.

13 min, Color, 1972 . . . . $7.00

The teachers on the Painting Ship, a floating workshop moored in the canals of Amsterdam, believe that creative artistic expression helps a child to discover and develop his own personality as well as become more sensitive to his cultural environment. This documentary film follows the children as they express the sights and sounds around them through art, movement, music, and words. (Weston Woods) c, s

ART; EDUCATION–METHODS

Paintings in the White House: A Close-Up.

28 min, Color, 1965 . . . . $13.00

Students learn American history as well as an appreciation of American art by viewing this film. Great events of our country during the past century and a half are reflected in a selection of 47 paintings from the Executive Mansion. With an introduction by Mrs. Lyndon B. Johnson, the vivid, colorful story of America is shown in still lifes, lithographs, landscapes and portraits by Gilbert Stuart, Rembrandt Peale, George Healy, James McNeil Whistler, John Singer Sargent and John Trumbull, among others. Frederic March and Florence Eldridge furnish a narration which provides understanding of the paintings featured in the film. (Westinghouse Broad. Co.; MLA) el, jh, sh, c, a

ART; PAINTING AND PAINTINGS; U.S.–GENERAL

Panama Canal.

11 min, B&W, 1958 . . . . $3.50

Tracing the history of the Panama Canal, this film explains how it operates and its significance to world transportation. A trip through the canal and views of life in surrounding cities develop understanding of this great waterway. (Coronet) jh, sh

CENTRAL AMERICA; SHIPPING

Panama Canal–Funnel for Commerce.

15 min, Color, 1971 . . . . $8.00

Up-to-date coverage of this vital link between the world's largest oceans–history, economic value, operation (locks, tolls, costs, control, etc.). Stresses the ecology of the Isthmus region, and the government and people of the Republic of Panama. (AIMS) jh, sh

CENTRAL AMERICA; SHIPPING

Pancho.

6 min, Color, 1960 . . . . $6.00

Story of a Mexican boy who is able to rope a bull that has been terrorizing his village. (Weston Woods) el

CHILDREN'S FILMS

Paradise Lost.

4 min, Color, 1970 . . . . $6.00

Using brilliantly colored cut-out animation, this film makes a strong statement about how man has disrupted the natural ecological balance of the earth. Award winner. (NFBC; Benchmark Films) el, jh, sh, c, a

CONSERVATION; ECOLOGY

Parasitism (Parasite Flatworms).

16 min, B&W, 1963 . . . . $4.00

Traces the development of parasitic flatworms, showing several life-cycle stages that have rarely been photographed before. Defines predation mutualism, internal and external parasitism, and illustrates each of these animal relationships. Reveals the complicated life cycle of the blood flukes–showing both the male and female flukes–and the life cycle of a tapeworm from man to cow, and back to man. Also shows lung and liver flukes. (EBF) sh, c

ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY

Parents Are Necessary.

20 min, Color, 1965 . . . . $3.50

Designed as a recruitment film for volunteer leaders, it shows how adult leaders play an essential role in the success of a 4-H program. Through a series of episodes, the viewer is led to the realization that the adult project leader does not have to be a subject matter expert or technician; the average housewife can lead a group of children in learning the steps of taking good snapshots with a camera for 4-H record purposes. Suggestions are offered on how the volunteer leader can tap the resources in his community to assist him in a 4-H group's activities. Although illustrating the 4-H program, the concepts in this film apply to any program of volunteer leadership. (Eastman Kodak) c, a

EDUCATION, ADULT; GUIDANCE, PERSONAL

Paris a Mon Coeur.

10 min, Color, 1962 . . . . $7.00

Those who know Paris, as did Montaigne, love it for its grandeur and variety. Throughout the centuries, Paris has retained its unique character and remains the showplace of French Life. French narration. (USOE; MLA) el, jh, sh, c

FRENCH LANGUAGE

Paris: City and the People.

11 min, Color, 1960 . . . . $7.00

A dialogue between a visiting American and a Parisian provides the framework for a visual tour of the famous city. We see how a combination of French culture, industrial progress, and economic growth has made Paris into a great capital. Highlighted are many famous landmarks including the Eiffel Tower, the Cathedral of Notre Dame de Paris, and the Arc de Triomphe. (Coronet) el, jh, sh

FRANCE

Parliamentary Procedures in Action.

16 min, B&W, 1965 . . . . $4.00

Parliamentary procedures keep the business of a meeting moving in a democratic and orderly way, ensuring the right of each individual to speak. Step-by-step events of an actual meeting are paralleled by step-by-step explanations of key concepts: duties of officers, proper order of the agenda, activities of committee and the various types of motions–main, subsidiary and privileged. (Coronet) jh, sh, c

CITIZENSHIP; SPEECH

Parrish Blue.

27 min, Color, 1971 . . . . $13.00

This film examines the life and work of Maxfield Parrish, whose imaginative book illustrations, prints, magazine covers and advertisements are a landmark in American art history. A master colorist who converted classical European motifs into fresh, more vernacular images, Parrish was the most influential painter in America through the first two decades of this century. (IFB) sh, c

ART, MODERN; ARTISTS

Pas De Deux.

14 min, B&W, 1969 . . . . $4.00

Dance film by Norman McLaren shows the multiple images of balletic movement. It is a work of art which blends sound and motion into a visual poem. (Award winner) (NFBC) jh, sh, c, a

DANCE; MOTION PICTURES, EXPERIMENTAL

Pass Dribble Shoot.

11 min, Color, 1969 . . . . $7.00

This soccer training film shows the three ways to move the ball – by passing, by dribbling and by kicking with the instep. In the picture the three are demonstrated (1) by showing them in game action; (2) by isolating them as individual skills; (3) by using the techniques of close-up, slow motion and stop action, and (4) by presenting them in practice situations. (Soccer USA Training Film; Frith Films) jh, sh, c, a

PHYSICAL EDUCATION; SPORTS

Passion For Life.

85 min, B&W, 1948 . . . . N/C

The story of a school teacher who tries to bring modern methods of education into a small village in France. French sound track. (RESTRICTED FOR CAMPUS USE ONLY) (FRENCH MINISTRY OF ED.; BRANDON) c, a

FRENCH LANGUAGE

Passion Vine Butterfly (Gulf Fritillary).

10 min, Color, 1973 . . . . $7.00

In the highlands of the towering Andes Mountains of Peru live the Indians who are descendants of the highly developed Inca civilization. This film explores the colorful Chincheros Valley near Cuzco, the walled city which was the capital of the Inca empire, and contrasts community life in a self-contained Indian village with that of the tenant farmers who work on the large estates called haciendas. Peru's recent economic progress is reflected in the many new mining camps, improved transportation and the wealth concentrated in Lima, the beautiful and modern capital city. (EBF) el, jh, sh, c
PERU

Pest Control is Not Simple.
13 min, Color, 1969 . . . . $3.50
Emphasizes that pest control is one of man's biggest and most complex problems with no simple answers. (Cornell Univ.) el, jh, sh, c, a
ECOLOGY; INSECTS AND SPIDERS

Pests or Plenty?
13 min, Color, 1965 . . . . $3.50
Pests or Plenty? is the story behind the farmer's urgent need for safe, effective pest control techniques. Aftercenturies of standing helpless before the onslaught of pests that destroyed much of what was grown, scientific research has developed a wide variety of modern safe pest control techniques and tools–chemical, biological, cultural, mechanical–with which we are now able to protect our crops and livestock. This film points out that the twentieth century revolution in agriculture has enabled us to produce food enough for ourselves and hungry millions abroad as well. Cleared for television. (USDA) el, jh, sh, a
AGRICULTURE; FOOD SUPPLY

Peter's Chair.
6 min, Color, 1971 . . . . $6.00
First they painted Peter's old cradle pink for the new baby; then his crib. Then they wanted to paint Peter's chair! "Let's run away, Willie," he said to his dog. And they did, and Peter found he was growing up in more ways than one. (Weston Woods) el
CHILDREN'S FILMS

Petrified River: The Story of Uranium.
28 min, Color, 1955 . . . . $3.50
The film tells the story of prospecting for and the mining and milling of uranium ores. Animation sequences explain how uranium's energy is released and controlled to generate power for great cities in the future. Other views show the atomic reactor at Oak Ridge, Tenn., the preparations of radioactive isotopes, and the uses of these isotopes in research. (USBM) jh, sh, c
MINES AND MINERAL RESOURCES

Petunia.
10 min, Color, 1971 . . . . $7.00
What is wisdom? For a young reader, a thoughtful answer to an age-old question is wittily provided by a gifted story-teller and illustrator. (Weston Woods) el
CHILDREN'S FILMS

Phantasy.
8 min, Color, 1952 . . . . $6.00
A surrealist abstract art film, with pastel drawing and "cut-out" animation by Norman McLaren, and music for saxophones and synthetic sound by Maurice Blackburn. (NFBC; IFB) sh, c
MOTION PICTURES–EXPERIMENTAL

Philippines: Land and People.
14 min, Color, 1961 . . . . $8.00
Moving through the island, from the golden rice fields of the villages, through tropical jungles to Manila, the film captures all of the elements essential to understanding this new nation. It reviews the long history of the Philippines under Spanish and American rule. Since the nation is almost entirely agricultural, most of the people live in rural villages, farming their own land and fishing. It takes us from the village to the busy port of Manila, where the major products–rice, sugar, copra, lumber, minerals, and hemp–are shipped abroad. Also shows the new factories that are being built to meet the nation's crucial need for industrial expansion. (EBF) el, jh, sh, c
PHILIPPINE ISLANDS

Phoebe: Story of Premarital Pregnancy.
29 min, B&W, 1965 . . . . $6.50
This film deals with the mental and emotional reactions of Phoebe, a teen-ager, on the day she discovers she is pregnant. Dramatically, it reveals her apprehension about her dilemma as it depicts her thoughts about telling her parents, her boy friend, and the school authorities, and their various possible reactions to her and her situation. The film helps students understand some of the rational and emotional aspects of premarital pregnancy, particularly as they affect the female. (Winner: Grand Prix Award.) (NFBC; McGraw-Hill) jh, sh, c
DATING (SOCIAL CUSTOMS); SOCIAL PROBLEMS

Photographic Slides for Instruction.
10 min, B&W, 1956 . . . . $3.50
This film shows the preparation and use of slides made by the photographic process. The use of color and black and white film is illustrated in outdoor and indoor situations. Flash photography, copying, and the use of Polaroid transparency film for making slides in a variety of subject areas are shown. (Indiana University) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; PHOTOGRAPHY

Photosynthesis.
24 min, Color, 1967 . . . . $10.00
Shows how the application of the scientific method has revealed the mechanism by which green plants transform light energy into food. Controlled experiments test the photosynthetic process and show how each component–light, carbon dioxide, water, and chloroplasts–is essential. Also introduces several advanced concepts, such as the formation of intermediate compounds and the effect of different types of light. (EBEC) jh, sh
ADAPTATION (PLANTS); BOTANY–ECOLOGY

Physical Environment.
11 min, Color, 1963 . . . . $7.00
Our planet Earth varies considerably in structure and in climate. Yet practically every part of it is a habitat for some form of life, even where conditions are extreme. This film shows how organisms adapt to varied physical conditions in the distant past as well as in the present. (EBF) sh, c
ECOLOGY

Physical Performance Test.
20 min, Color, 1970 . . . . $10.00
Demonstrates techniques for administration of a physical performance test for ages 10 through 18. (AIMS) c
PHYSICAL EDUCATION

Picasso Is 90.
51 min, Color, 1971 . . . . $19.00
Illustrates Picasso's development by a retrospective look at his paintings and sculptures selected from an international group of museums. Explores Picasso, the man, by interviews with his son, former wife and friends. (Award Winner) (CBS; CAROUSEL) jh, sh, c, a
ART, MODERN; ARTISTS

Picture for Harold's Room.
6 min, Color, 1971 . . . . $6.00
Story about an ingenious artist who draws pictures with his famous purple crayon. (Weston Woods) el
CHILDREN'S FILMS

Picture in Your Mind.
16 min, Color, 1949 . . . . $8.00
The first part of this film develops the origins of the earliest roots of prejudice and the reasons why any group, tribe, or nation thinks its way of life is superior to the other man's mode of living. In the second half of the film, a forceful plea is made to every individual viewer to re-examine his own mind to see whether his mental picture of the other man is realistic or distorted. (IFF) jh, sh, c, a
ANTHROPOLOGY; INTERCULTURAL COOPERATION

Pigs.
11 min, Color, 1967 . . . . $7.00
Dawn: a farm–timid sparrow discovers bulky shapes–sounds of heavy breathing. Blimp–like rotund shapes stir–arise–Pigs! No commentary. (Churchill) el
CHILDREN'S FILMS; ANIMALS–HABITS AND BEHAVIOR; ANIMALS–DOMESTIC

Pilgrims.
22 min, B&W, 1955 . . . . $5.00
Recreates one of the most significant episodes in American history. Authentic sets and period costumes are combined to bring alive the Pilgrims' adventures: their religious persecution in England, their poverty in Holland, the terrible North Atlantic crossing, the signing of the Mayflower Compact, the heroic efforts to survive the bitter New England winter, and the historic first Thanksgiving. (EVF) el, jh, sh
U.S.–HISTORY: COLONIAL PERIOD

Pioneer Home.
10 min, B&W, 1948 . . . . $3.50
What was a pioneer home really like? How did pioneer people live? What part did children play in the everyday family life?

These are some of the questions which are answered in this film. The film story includes physical surroundings and home furnishings, the hard work and the simple pleasures. (Coronet) el
FRONTIER AND PIONEER LIFE

Pioneer Journey Across the Appalachians.
13 min, B&W, 1955 . . . . $3.50
We accompany the members of a North Carolina family as they journey westward across the Appalachians before the Revolutionary War and see the close of the period when these mountains stood as a barrier to westward movement. Why the early settlers moved west, how they traveled, and other concepts underlying this movement are dramatically visualized. (Coronet) el, jh
FRONTIER AND PIONEER LIFE

Pioneer Mill.
12 min, Color, 1972 . . . . $7.00
Corn meal was an important food to early settlers, and this film describes how they ground corn in their homes and show the operation and activities connected with larger water-powered mills used by early farmers in the Midwest. Farmers are seen bringing their sacks of corn by horseback to the miller who runs the mill. The miller's importance and function is explained as he goes through each step of the grinding process. (NET) el
FRONTIER AND PIONEER LIFE; U.S.–HISTORY

PKU – Preventable Mental Retardation.
16 min, Color, 1967 . . . . $8.00
Shows how mental retardation caused by phenylketonuria or PKU can easily be prevented when diagnosed soon after birth. (IFB) c, a
EDUCATION, SPECIAL; MEDICINE

Place in the Sun.
7 min, Color, 1960 . . . . $6.00
An animated tale about two men who compete for that important "place in the sun," adroitly noting human foibles as they win or lose their place. (Award winner) (Arthur-Go; Films, Inc.) el, jh, sh, c, a
HUMAN RELATIONS; PSYCHOLOGY; SOCIAL ADJUSTMENT

Place to Stand.
18 min, Color, 1967 . . . . $10.00
Featured in the Ontario Pavillion at Expo 67, utilizes multi-images simultaneously to portray the variety, beauty, and achievements of the province of Ontario and its people. (Academy award winner) (Chapman; Contemporary) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL; GEOGRAPHY; MOTION PICTURES, EXPERIMENTAL

Planet Earth Series: Challenge of the Oceans.
27 min, Color, 1960 . . . . $13.00
This film discusses such physical aspects of the ocean as: the variety of currents in the ocean; the relationship of the dynamics of the oceans to weather and climate; the composition of ocean water; the life cycle in the oceans, topography and composition of ocean bottoms, and the structure and content of the sediments. (National Academy of Science; IGY) jh, sh, c, a
MARINE BIOLOGY; OCEANS; SCIENCE, GENERAL

Planet Earth Series: Cosmic Rays.
27 min, Color, 1960 . . . . $13.00
This film provides a detailed examination of present concepts of the origin and nature of charged particles reaching the earth from outer space. Recent discoveries, using balloons, rockets and satellites, are summarized and the relationship between cosmic ray research and nuclear research is pointed out. (National Academy of Science; IGY) jh, sh, c, a
ASTRONOMY; PHYSICS; RADIATION

Planet Earth Series: Flaming Sky.
27 min, Color, 1960 . . . . $13.00
This film reveals the nature of the aurora, the mysterious northern and southern lights. Modern understanding of this phenomenon is traced from the ancient Romans to present beliefs with emphasis upon causes and relationships to other events in man's physical environment, including the earth's magnetic field, radio waves and solar activities. (National Academy of Science; IGY) jh, sh, c, a
ATMOSPHERE; PHYSICS; SCIENCE, GENERAL

Planet Earth Series: Force of Gravity.
27 min, Color, 1960 . . . . $13.00
The nature of gravitation is examined from early times to the present. The role of the gravitational field in accounting for the motions of planets is described. Newtonian and Einsteinian theories are explained and contrasted, and gravitational problems of the space age are introduced. (National Academy of Science; IGY) jh, sh, c, a
GEOLOGY; PHYSICS; SCIENCE, GENERAL

Planet Earth Series: Hidden Earth.
27 min, Color, 1960 . . . . $13.00
The structure of the solid earth is analyzed from the crust, through the mantle, to the central core. The dynamic quality of the "solid earth" is demonstrated through analysis of earthquakes and volcanoes. Application of seismology to the study of other planets is introduced. (National Academy of Science; IGY) jh, sh, c, a
GEOLOGY; SCIENCE, GENERAL

Planet Earth Series: Inconstant Air.
27 min, Color, 1960 . . . . $13.00
This film shows man's early efforts to measure pressure and temperature as a basis for understanding the phenomena that make up both weather and climate. Circulation of the atmosphere is portrayed as well as the role of energy from the sun. The film also shows how meteorological data are collected and how weather forecasts are arrived at. It discusses theories on climate changes and explains how they might come about. Current research in the laboratory and the use of satellite vehicles are also described. (National Academy of Science; IGY) jh, sh, c, a
ATMOSPHERE; SCIENCE, GENERAL; WEATHER

Planet Earth Series: Magnetic Force.
27 min, Color, 1960 . . . . $13.00
This film explains the nature of the earth's magnetic field describing the magnetic field within the earth and that existing in space. The film also shows how the magnetic field controls the path of cosmic ray particles and controls other charged particles that make up the aurora, and it points out the manner in which magnetic force provides man with a better understanding of the earth and the far reaches of the universe. (National Academy of Science; IGY) jh, sh, c, a
ELECTRICITY; GEOLOGY; SCIENCE, GENERAL

Planet Earth Series: Our Nearest Star.
27 min, Color, 1960 . . . . $13.00
This film explains the properties of the sun and relationship of solar activity to the earth. The film story includes treatment of sunspots and solar flares and the effect of particles and radiations from the sun on man's environment. (National Academy of Science; IGY) jh, sh, c, a
SCIENCE, GENERAL; SOLAR SYSTEM

Planet Earth Series: Radio Waves.
27 min, Color, 1960 . . . . $13.00
Both man-made and natural radio waves are described in this film beginning with Hertz's discoveries in the 19th Century. Included in the film story are discussions of: the influence of the ionosphere on radio waves, the relationship between radio waves, the ionosphere, the earth's magnetic force and solar activity, and of the new science of radio astronomy, which seeks to learn more about the universe from radio waves coming to the earth from space beyond our solar system. (National Academy of Science; IGY) jh, sh, c, a
ATMOSPHERE; RADIO; SCIENCE, GENERAL

Planet Earth Series: Research by Rockets.
27 min, Color, 1960 . . . . $13.00
This film reveals how the upper atmosphere has been explored with instruments carried aloft by rockets. The film content includes treatment of: the history of man's attempts to reach out into the higher atmosphere, the variety of modern rocket vehicles and their principles of operation, and of significant discoveries relating to the atmosphere, ionosphere, the earth's magnetic field, cosmic rays, the aurora, and radiations from the sun. (National Academy of Science; IGY) jh, sh, c, a
ATMOSPHERE; PHYSICS; SCIENCE, GENERAL

Planet Earth Series: Science in Space.
27 min, Color, 1960 . . . . $13.00
This film emphasizes scientific exploration of space and its contents by orbiting satellites. Significant discoveries of modern space science are shown, including the Van Allen radiation belts. The film story also includes sequences about radio and optical methods of tracking satellites, and telemetry of data from satellites to earth, and it points out the significance of satellite and space probes to man's understanding of the cosmos. (National Academy of Science; IGY) jh, sh, c, a
ASTRONOMY; SCIENCE, GENERAL; SPACE FLIGHT

Planet Earth Series: Secrets of the Ice.
27 min, Color, 1960 . . . . $13.00
The role of snow and ice on man's physical environment is explained. Mountain glaciers and the ice fields of Greenland and

Antarctica are explored with research parties. The relationship between glaciology on the one hand, and oceanography and weather on the other is portrayed. (National Academy of Science; IGY) jh, sh, c, a
GEOLOGY; POLAR REGIONS; WEATHER

Planet Earth Series: Shape of the Earth.
27 min, Color, 1960 .... $13.00
This film discusses the concepts of the size and shape of the earth–from ancient times to present. Present efforts to refine and perfect man's knowledge of the shape of the earth are outlined and the relationship of this effort to future problems of navigation in space is explained. The determination of position and of distances on the earth by astronomical means is examined. (National Academy of Science; IGY) jh, sh, c, a
ASTRONOMY; GEOLOGY; SCIENCE, GENERAL

Planets.
11 min, Color, 1961 .... $7.00
Pictures the moon and its phases and shows the planets and their relative sizes. Uses a classroom planetarium to show the relative distances of the planets from the sun. Shows how a commercial planetarium depicts the entire galaxy. (IFB) el, jh
ASTRONOMY; SCIENCE, GENERAL

Planets in Orbit–The Laws of Kepler.
10 min, B&W, 1960 .... $3.50
Though ancient people had learned a great deal about the movement of heavenly bodies, they thought that the sun, moon, stars and even the planets were small objects moving around the earth. This film traces a brief history of man's earliest observations and beliefs about the universe and then goes on to show how Johannes Kepler made three discoveries that revolutionized astronomy. Explanation of Kepler's three laws is visualized in animated sequences. (EBF) jh, sh
ASTRONOMY

Plankton and the Open Sea.
19 min, B&W, 1963 .... $5.00
Demonstrates the importance of the minute plankton organisms to marine food chains. Typical forms of plankton are shown. Photomicrography and laboratory experiments show how plankton are studied at sea, in floating laboratories, and in shore-based laboratories. (EBF) sh, c
ECOLOGY; MARINE BIOLOGY

Planning Our Foreign Policy–Problems of the Middle East.
21 min, B&W, 1954 .... $5.00
Describes the procedure by which a working level, government committee, concerned with the United States foreign policy in the Middle East analyzes the problems which it faces. Shows how the problems are broken down into their economic, military, political, and psychological components, and how various alternatives are considered. (EBF) sh, c, a
U.S.–POLITICS

Plant Life At Work.
11 min, Color, 1955 .... $7.00
Processes of plant life, invisible because of their slowness, are speeded up by time-lapse photography. This reveals the impressive energy of plants as they move, grow, reproduce and manufacture food through photosynthesis. (MIS) jh, sh
BOTANY; PLANTS

Plant Motions: Roots, Stems, Leaves.
11 min, B&W, 1962 .... $3.50
This film explains the characteristic motion of plants as they grow called "circumnutation." It shows the movements of the leaves and stems and shows that the roots always move in spirals. The response of roots, stems, and leaves of growing plants to stimuli such as light and gravity is illustrated. (EBF) jh, sh
BOTANY

Plant Traps–Insect Catchers of the Bog Jungle.
10 min, Color, 1953 .... $7.00
Close-up and time-lapse color photography reveal the remarkable behavior of carnivorous plants. The pitcher plant, sundew, and Venus flytrap have unique ways of attracting, catching, and digesting insects. (EBF) jh, sh, c, a
BOTANY

Plants and Their Importance.
11 min, Color, 1969 .... $7.00
Presents the basic characteristics of plant life and goes on to show how plants offer us food, clothing, shelter, and a healthy and pleasant environment. Animation illustrates how plants which lived millions of years ago contribute to our world today, providing natural gas, and petroleum. (AIMS) el, jh
PLANTS; SCIENCE, GENERAL

Plants Live Through The Winter.
11 min, Color, 1969 .... $7.00
Shows what happens to perennials, biennials and annuals in winter and how they renew themselves each spring. (Coronet) el
PLANTS; SCIENCE, GENERAL

Plaster Sculpture in Color.
11 min, Color, 1957 .... $7.00
Provides information and motivation for three-dimensional art activity, and encourages students to experiment with ways to express their ideas in sculptural form. (IFB) jh, sh
ART–STUDY AND TEACHING; SCULPTURE

Plateros Y Tejedores De Taxco.
10 min, Color, 1963 .... $7.00
Depicts people in schools, homes, and shops as they work, learn, play and live in Mexico City and the countryside. (IFB) jh, sh
MEXICO; SPANISH LANGUAGE

Play Is Trying Out.
25 min, Color, 1973 .... $10.00
Describes how play for the young child functions as a means of exploring the world through fantasy and, so, expands their capacities to manipulate symbols, as well as, enables them to develop a richer behavioral repertoire by finding new ways of combining ends and means. Probes the role of play in the socialization process. (Harvard Center for Cognitive Studies; WILEY) c
CHILD STUDY; PSYCHOLOGY

Plisetskaya Dances.
70 min, B&W, 1966 .... $3.50
A close and revealing look at the art and life of one of the greatest dancers of our times, Maya Plisetskaya, Prima Ballerina of the Bolshoi Ballet, Moscow, with scenes from her past and present roles. (Award winner) (Distribution limited to Connecticut users.) (Katanyan; CCM) sh, c, a
BIOGRAPHY; DANCE

Poetry: Denise Levertov and Charles Olson.
30 min, B&W, 1966 .... $6.50
Denise Levertov discusses her reasons for being a poet and her methods of work and reads some of her poetry. Charles Olson describes his concept of open verse composition and recites several of his poems. (NET) sh, c
AUTHORS, AMERICAN; LITERATURE; POETRY

Point of Return.
24 min, B&W, 1965 .... $5.00
Discusses events culminating in a suicide attempt. A panel comments on the incidents of suicide, the effect on survivors and the need for preventive programs. (UOKLA; IFB) c, a
MENTAL HEALTH; PSYCHOLOGY

Poison.
14 min, Color, 1970 .... $8.00
Demonstrates that the natural and avid curiosity of children sometimes leads to accidental poisoning, and that such an event can be avoided only by the care and diligence of parents. (ALBERTA DEPT. OF PUBLIC HEALTH; IFB) c, a
PUBLIC HEALTH

Poland.
27 min, Color, 1965 .... $13.00
This film story points out that Poland's "Golden Age" produced spectacular achievements at a time when it was the largest nation in Europe. Life between the wars, including rare scenes of ghettos, are shown in the film, and the film concludes with footage of the Nazi invasion of Warsaw. In general, the film covers an analysis of present day life with industrialization, agriculture, politics, and urban and rural life being shown through the people themselves. (IFF) jh, sh, c
POLAND

Poland: Land Under Communism.
22 min, B&W, 1961 .... $5.00
This film is the result of cameraman Kenneth Richter's extensive filming assignment in Poland, an "Iron Curtain" country. He has caught on film a host of Poles, hard-working, hopeful, intensely patriotic; a people who find themselves suspended between East and West, committed to an alliance with the Soviet Union, yet reaching towards the "West"–toward the United States, France, and the United Kingdom–for sympathy and understanding. (EBF) el, jh, sh, c
COMMUNISM; POLAND

Polarization of Light.
11 min, Color, 1970 .... $7.00
Illustrates the properties of polarized light and introduces

common polarizing techniques and applications in industry and scientific research. (EBEC) jh, sh
LIGHT; PHYSICS

Policeman.
16 min, B&W, 1967 . . . . $4.00
Focuses on an accident investigation to illustrate the workings of the police in a metropolitan district. As they go about their daily duties, the police are shown to be determined investigators and protectors of the people. (EBEC) el
POLICE

Pollution Is A Matter Of Choice.
53 min, Color, 1970 . . . . $19.00
This is an examination of the environmental dilemma of modern man who has it in his power to preserve or ruin his environment. This predicament of wanting what technology creates, yet being destroyed by its wastes, is shown in the microcosm of the Everglades and of Machiasport, Maine. (NBC) jh, sh, c, a
ECOLOGY; POLLUTION

Pollution – It's Up To You.
10 min, Color, 1971 . . . . $7.00
If the ecological balance of this planet is to be maintained, every individual will have to pay the price of some sacrifice. The film focuses on three areas: Gary, Indiana; the Everglades; and Machiasport, Maine, which all face difficult environmental choices. (NBC) jh, sh
ECOLOGY; POLLUTION

Pompeii and Vesuvius.
10 min, Color, 1950 . . . . $7.00
Dramatically portrays an actual eruption of Mt. Vesuvius and the ruins of the city of Pompeii. Recalls the eruption of 79 A.D., and depicts the current scene in Pompeii and environs. Activities of present-day Naples and a colorful folk dance in Sorrento provide authentic glimpses of the life that carries on within the very shadow of the still active and ominous mountain. (EBF) jh, sh, c, a
EUROPE–HISTORY: TO 476; ITALY

Pond.
20 min, Color, 1961 . . . . $10.00
Examines a community of living things in the environment of a pond and shows how they are all interrelated. (IFB) sh
BIOLOGY–ECOLOGY

Poor Pay More.
60 min, B&W, 1967 . . . . $10.00
This film provides a close look at the special hardships faced by the poor in the area of consumer purchasing. The pricing practices of supermarket chains, the techniques of food freezer salesmen (actually shown through the use of concealed cameras), and the methods of the furniture and appliance stores and their association with the finance companies are examined. Officials from various private and governmental programs outline these problems and show how they are attempting to alleviate them. (NET) sh, c, a
POVERTY; SOCIAL PROBLEMS

Population and Pollution.
17 min, Color, 1971 . . . . $8.00
Documents today's environmental crisis and urges corrective action. Focusing on North America, the film shows that the problems of pollution are caused both by misuse of the environment and by the great demands of a constantly growing population. Sewage, detergent wastes, and poisonous chemicals collect in our rivers and streams; industry, planes and automobiles pollute the air; and junked cars and trash litter the landscape. The film emphasizes the need for changes in attitude and a commitment to finding both short-range and long-range solutions to the problems of air, water, and land pollution. It stresses the need for personal involvement and action on the part of students and adults, and concludes positively with specific suggestions for what the individual might do. (IFB) jh, sh, c, a
POLLUTION

Population Ecology.
21 min, B&W, 1963 . . . . $5.00
Analyzes the biological principles of environment as they relate to surplus or decline of births over deaths. Conditions are set up in the laboratory in which the surplus of births develop in a predictable pattern when natural enemies, food factors, and other environmental influences favor a surplus. Man, with his ability to change environment, has created a problem of birth surplus over death giving rise to a biological and sociological phenomenon which we call population explosion. (EBF) sh, c
ECOLOGY; POPULATION

Population Problems: U.S.A.–Seeds of Change.
30 min, B&W, 1965 . . . . $6.50
Analyzes the population trend in the United States from Colonial days down to the present time. Focuses on the "baby boom" of World War II and the increasing number of senior citizens in America. The future problems which can result from increased population are discussed and analyzed. (NET) sh, c, a
POPULATION

Portrait of Mexico.
34 min, Color, 1962 . . . . $13.00
Describes present day Mexico in terms of its history, geography, religion, culture, and people. (UNIVERSITY OF ARIZONA; IFB) jh, sh, a
MEXICO

Possibly So, Pythagoras.
14 min, Color, 1963 . . . . $8.00
Looks at the pythagorean theorem through inductive experimentation and formal deductive proof. (IFB) jh, sh
MATHEMATICS

Post-Impressionists.
25 min, Color, 1970 . . . . $10.00
Surveys the aims, influences and techniques of Paul Cezanne, Paul Gauguin, Vincent van Gogh, Georges Seurat, and Henri de Toulouse-Lautrec. (IFB) sh, c
ART, MODERN; ARTISTS

Posture Habits.
11 min, B&W, 1963 . . . . $3.50
When their older brother shows them that they will look and feel better if they have good posture, Julie and Jerry begin a program of self-improvement in posture. This film seeks to develop posture consciousness, and motivates the cultivation of good posture habits in standing, walking, and sitting positions. (Coronet) el
GROOMING, PERSONAL

Poultry on the Farm.
10 min, B&W, 1961 . . . . $3.50
Treats the appearances and habits of adult and young chickens, geese, ducks, and turkeys. A chick embryo, chicks hatching, young ducklings swimming and feeding, and families of geese and turkeys are shown, Natural sounds of the poultry are reproduced. (EBF) el, jh
ANIMALS, DOMESTIC; FARM PRODUCE

Powers of Ten.
10 min, Color, 1969 . . . . $7.00
Demonstrates the awesome range of distances in the Universe. Transports the audience on a trip beyond the galaxies and then back into the atom. (Charles Eames) sh, c
MATHEMATICS; PHYSICS; TIME

Practical Film Making.
19 min, Color, 1972 . . . . $10.00
A staff of professionals are interviewed and filmed while at work making a low budget feature film. (EBEC) jh, sh, c
AUDIOVISUAL MATERIALS–PRODUCTION; MOTION PICTURES

Prairie.
18 min, Color, 1963 . . . . $10.00
Depicts the American prairie and interrelationship among the animals and plants living there. (IFB) el, jh, sh
ECOLOGY

Prairie Killers.
30 min, Color, 1970 . . . . $13.00
Film shows scenes of an area in South Dakota, once the land of buffalo and antelope and shows man's damage to what was a flourishing prairie land. (NET; Indiana) sh, c, a
CONSERVATION; ECOLOGY

Precursors: Cezanne, Gauguin, Van Gogh.
26 min, Color, 1971 . . . . $13.00
Presents the different paths these three painters followed after 1880. (IFB) sh, c
ART, MODERN; ARTISTS

Preface to a Life.
25 min, B&W, 1950 . . . . $5.00
This film shows how the adult personality is influenced by childhood experiences. The film story reveals how a newborn baby may grow and develop into three different persons as a result of (1) too much protection by his mother, (2) too much expectation by his father and (3) the right amount of love and understanding by both of his parents. (USPHS) c, a

Uses extreme close-up photography in a remarkable portrayal of a life cycle of the Passion Vine Butterfly. (AIMS) jh, sh, c, a
BUTTERFLIES; INSECTS AND SPIDERS

Patrick.
7 min, Color, 1972 . . . . $6.00
Patrick sets out for the town marketplace, searching for a fiddle which he buys from a junkman. With his joyously buoyant music, the lanky fiddler imbues every leaf and creature in the countryside with vibrant color and vigorous movement. Sound and sight are analogous in this lyrical portrait of music and its effect on the spirit. (Weston Woods) el
CHILDREN'S FILMS

Pattern for Instruction.
22 min, B&W, 1960 . . . . $5.00
Designed to teach business supervisors to use the fundamentals for sound job instruction. The film presents a four-step method of instruction which may be applied to many different situations. (Roundtable Productions) c, a
EDUCATION–METHODS; BUSINESS EDUCATION

Patterns of the Wild.
26 min, Color, 1967 . . . . $3.50
Through the eyes of a wild fox, you see that wildlife of a forest does not merely live in a forest, but is part of its structure. Outstanding wildlife photography leads you from season to season. It shows what proper wildlife management is doing to make the National Forests more liveable for animals and birds, and more enjoyable for people. (Award winner) (NWF; USDA) el, jh, sh, c, a
WILDLIFE–CONSERVATION

Paul Taylor and Company: An Artist and His Work.
32 min, Color, 1968 . . . . $3.50
Within a ten-year period, Paul Taylor realized an interest in dancing and had founded his own dance company. This film utilizes personal interviews and observations of actual exercises, rehearsals, and final productions to provide the viewer with an insight into Paul Taylor's field. Problems of the profession, including financial, are examined. (Restricted to Connecticut users) (Steeg Productions; Harris Communication, Inc.) sh, c, a
DANCE; GUIDANCE, VOCATIONAL

Pedestrian Signs and Signals.
11 min, Color, 1972 . . . . $7.00
Develops understanding of street signs and signals which is important for maximizing pedestrian safety. An appreciation for how some signs control vehicular traffic and some apply to pedestrians is stressed. (AIMS) el, jh
SAFETY EDUCATION

Pelican, Turtle, and Fish.
14 min, Color, 1969 . . . . $8.00
This film shows pelicans on land, in flight and diving for fish in shallow water. A sea turtle, dredged up from deeper water, is photographed in a shallow tidal pool. Fish of the Florida Gulf coast shown include the sea horse, squirrel, fish, trigger fish, toad fish, cow fish, and spiny burrfish. (Rutgers University) sh, c
AMPHIBIA; FISHES; ZOOLOGY

Pen Point Percussion and Loops.
10 min, Color, 1951 . . . . $7.00
Demonstrates Norman McLaren's method of producing hand-drawn sound and illustrates the results of this technique. (NFBC; IFB) c, a
MOTION PICTURES

Pensions: The Broken Promise.
38 min, Color, 1972 . . . . $13.00
This documentary spotlights the experiences of some of the victims of the pension systems. Experts from business, banking institutions, Congress, and governmental agencies propose some ideas that might correct pension plan deficiencies. (NBC) c, a
SOCIAL CONDITIONS

People.
11 min, Color, 1969 . . . . $7.00
Offers the viewer a myriad of intimate glimpses of people–all ages, all races at rest, at work, earning, buying, and playing. Shows each of us is different, yet we are all alike. (AIMS) el, jh
GUIDANCE, PERSONAL; HUMAN RELATIONS

People Along the Mississippi.
21 min, B&W, 1952 . . . . $5.00
The region through which the Mississippi River flows and the people who live in this region provide a unique opportunity for studying an important cross-section of American life and heritage. This film makes possible such a study by following a toy sailboat on a fascinating journey from the headwaters to the mouth of the great river. The film story emphasizes the peoples of different background and origins who live along the banks of the river–especially the people of French, Canadian, Swedish, German, Negro, and Acadian extraction. Reveals their oneness in purpose, in ideals, and in national character. (EBF) el, jh
U.S.–REGIONS; RIVERS

People and Pests.
13 min, Color, 1969 . . . . $3.50
Shows the problem of pests to man. Although natural control takes care of ninety percent of the pests, man must find ways of controlling the balance in order to enjoy a fuller life. (Cornell Univ.) el, jh, sh, c, a
ECOLOGY; INSECTS AND SPIDERS

People and Politics.
28 min, B&W, 1962 . . . . $3.50
Produced mainly for local union groups, this film explains why the labor movement is involved in politics, and emphasizes what happens to individuals when they abdicate political responsibilities. AFL-CIO President George Meany explains the goals of the labor movement and Director James McDevitt of the Political Education Committee explains how these goals can be translated into "grass roots" programs. (AFL-CIO Committee on Political Education) a
CITIZENSHIP; JOURNALISM; LABOR AND LABORING CLASSES

People are Different and Alike.
11 min, B&W, 1967 . . . . $3.50
It's easy to see differences among people–how they look, where they live, what they own. But people are more alike in the important ways; they need friendship and love, food and a place to live; they want an education, fun and happiness. The film shows vividly that people are more alike than different. (Coronet) el
ANTHROPOLOGY; SOCIOLOGY; HUMAN RELATIONS

People of Greece.
14 min, B&W, 1955 . . . . $4.00
The classic vestiges of a great culture and the age-old ways of the rural people recall the many centuries of Greek national history. In spite of scanty rainfall and lack of natural resources, the people of Greece are making valiant efforts to regain a worthy place in world commerce. Shipping, fishing, fruits, tobacco products, and marble are their economic assets. (EBF) el, jh, sh
GREECE

People of Spain.
16 min, B&W, 1955 . . . . $4.00
Located at the gateway of the Mediterranean, Spain has had a long and eventful history. The influences of the past upon the people and their arts and customs are clearly evident, but there is also indication of modern industrialization, especially in the larger cities. (EBF) el, jh, sh
SPAIN

Perception.
17 min, B&W, 1958 . . . . $4.00
This film presents the theory that human perception is not merely a sensing of stimuli. Rather, it is a set of extremely elaborate processes through which sensory impressions are organized into clear, usable, meaningful pictures of the objects around and inside ourselves. The basic principles of perception that support this theory are illustrated by showing the activities of a group of students spending an evening in a college common room. These principles include perceptual constancy, attention, expectancy or set, and perception as an organizing process. Each principle is visualized in terms of everyday experiences and explained in nontechnical language. (McGraw-Hill) c
COMMUNICATION; PERCEPTION; PSYCHOLOGY

Person-to-Person Communication.
14 min, B&W, 1956 . . . . $4.00
Illustrates, through a dramatic employer-employee situation, how some major barriers to interpersonal understanding may be overcome. (McMurry-Gold Productions) c, a
COMMUNICATION; PSYCHOLOGY

Personality and Emotions.
13 min, B&W, 1955 . . . . $3.50
This film is designed for high school and college audiences studying personality development and mental health. It gives an overview of the development of emotions from infancy through early childhood, and it implies that emotional maturity is a desirable goal in the development of personality. (EBF) jh, sh
CHILD STUDY; PSYCHOLOGY

Peru: The People of the Andes.
16 min, Color, 1961 . . . . $8.00

CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Prehistoric Images (The First Art of Man).
17 min, Color, 1955 . . . . $8.00
A brilliant exploration by film of the prehistoric caves of France and Spain, the paintings found there, and the men who created them. This is not only a unique record of art treasures; it is in itself a work of exciting beauty created by sensitive interpreters, Thomas Rowe and Arcady. The paintings shown are the genuine work of artists who lived from 10,000 to 40,000 years ago, found in six prehistoric caves: Lascaux, Pech-Merle, Niaux and Trois Freres in France; Altamira and El Castillo in Spain. The accuracy of the commentary was assured by the collaboration of Abbe Henri Breuil of the Academie Francaise and Professor Martin Almagro of Spain, authorities on prehistoric art. (Brandon) sh, c, a
ART, PRIMITIVE

Prehistoric Man in Europe.
23 min, Color, 1965 . . . . $10.00
Surveys the development of mankind in Europe from the first traces of worked tools to the establishment of a metallurgical industry. (BOULTON-HAWKIN PROD.; IFB) jh, sh, c, a
HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Prehistoric Man in Northern Europe.
14 min, B&W, 1962 . . . . $4.00
This film traces the significant developments of man's way of life from the beginning of the New Stone Age through the Ages of Bronze and Iron, to the end of the prehistoric ages, marked by the introduction of a written language. With reenactments of living conditions in regions of Northern Europe which have produced many of the artifacts we now have, the film gives insight into the early life of man. (EBF) el, jh, sh, c
ANTHROPOLOGY; EUROPE–HISTORY: TO 476; HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Prehistoric Times: World Before Man.
11 min, Color, 1953 . . . . $7.00
The film studies the geological periods of prehistoric times–Archeozoic, Proterozoic, Paleozoic, Masozoic, Cenozoic–showing them in terms of the earth's transformation and the accompanying changes in animal life. Colorful dioramas, actual fossils, examples of land forms, and life-like models of prehistoric plants and animals are used to establish an over-all impression of the prehistoric eras. (Coronet) jh, sh
PALEONTOLOGY

Preparing Projected Materials.
15 min, Color, 1965 . . . . $8.00
Vignettes of an early day teacher using a "magic lantern" in her classroom open and close this picture which shows her modern-day granddaughter as a building audiovisual coordinator. The teachers in her school use a variety of projected materials, many of which they prepare themselves. Among the demonstrations are use of 2x2 cameras, Polaroid copying stand, Polaroid back for a Graphic camera, Thermofax copier for copying and color lift-off, overhead, opaque, and 2x2 projectors. (Wisconsin State University; Bailey) c, a
AUDIOVISUAL MATERIALS–PRODUCTION; AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Presidency: Crisis in Office.
20 min, B&W, 1967 . . . . $5.00
This film examines four major crises faced by Presidents Roosevelt (The New Deal), Truman (The Atomic Bomb), Eisenhower (Little Rock), and Kennedy (Cuba). Using news footage and live speeches, it captures the intense feeling and dramatic impact of each crisis and shows how each crisis, in its own way, subtly changed the nature of the Presidency. (UWF) jh, sh, c
U.S.–GOVERNMENT; U.S.–HISTORY: 1898-

President.
17 min, B&W, 1954 . . . . $4.00
Dramatizes the major historical events in which the present power and influence of the President were established. It surveys the scope and responsibilities of today's Chief Executive. We see how the office has grown due to the actions of strong presidents in time of crisis. (EBF) jh, sh, c
U.S.–GOVERNMENT

Pressure Groups
20 min, B&W, 1952 . . . . $5.00
Clearly explains what pressure groups are and reveals that when democratically used they are a necessary instrument for decision-making in a democracy. Illustrates methods used by a representative democratic group to bring about legislation for a desirable civic project. Contrasts these methods with the underhanded and behind-the-scenes manipulation employed by a group attempting to prevent the passage of a bill. (EBF) sh, c, a
POLITICAL SCIENCE; PUBLIC OPINION; SOCIAL GROUPS

Pressure in Fluids at Rest.
11 min, B&W, 1965 . . . . $3.50
Fluid pressure results from the freedom of molecular motion in fluids. Animation, models, and underwater photography show that pressure in a fluid is related to depth and density and that this pressure acts in all directions, explaining buoyancy and Archimedes' Principle. Pascal's Law as applied to closed systems is illustrated in terms of both transmission of forces and multiplication of forces. (Coronet) jh, sh
PHYSICS

Preventing Reading Failure.
28 min, Color, 1971 . . . . $13.00
Shows a reading lesson conducted at the Marianne Frostig Center of Educational Therapy with a group of young children who have reading problems. Demonstrates an approach in which various remedial techniques are used in combination and adapted to the children's individual needs. The principles and techniques demonstrated can be used in regular classrooms as well as special groups. (AIMS) c
EDUCATION–METHODS

Primary Education in England.
17 min, Color, 1972 . . . . $8.00
Visits the non-graded classrooms at the Sea Mills Infant School at Bristol, one of the leading infant schools in England. Exemplifies the total infant school concept. (Weston Woods) c, a
EDUCATION–ALTERNATIVE

Primitive Man in a Modern World.
23 min, Color, 1970 . . . . $10.00
Acquaints the student with data concerning ancient Maya and Inca civilizations, and raises questions regarding so-called "primitive peoples" of the earth. A case study is also made of the Lacandones of Southern Mexico. It also encourages thought and discussion as to our society and the direction in which we may be heading. (MIS) sh, c, a
ANTHROPOLOGY; HISTORY

Principles of Development.
17 min, B&W, 1950 . . . . $4.00
This film outlines the fundamentals of growth and change from early infancy. After defining the principles of development, the film considers the variables which make each child different from every other one: intelligence, sex, glandular activity, race, nutrition, health, position in the family, incentive, heredity, and parental attitude. (McGraw-Hill) c, a
CHILD STUDY; PSYCHOLOGY

Principles of Motion Economy Illustrated By Handicapped Homemakers.
18 min, Color, 1960 . . . . $3.50
In this film physically handicapped women illustrate the sixteen principles of motion economy most commonly used in simplifying homemaking tasks. These principles are grouped into three areas: (1) Arrangement of workplace, (2) Selection of tools, and (3) Efficient use of body. (UCONN) c, a
HOME ECONOMICS; SOCIAL SERVICE

Principles of Nuclear Fission.
10 min, Color, 1959 . . . . $7.00
After considering the historic and the modern conceptions of the structure of the atom, the film shows diagrammatically the relation of its basic particles, electrons, protons, and neutrons. It describes in detail how bombarding neutrons cause fission in Uranium-235 atoms and the production of chain reactions. The film then deals with the graphite nuclear reactor, showing methods of controlling action in a nuclear reactor and relating this to the production of electricity. (McGraw-Hill) sh, c
ATOMIC ENERGY

Printing Through the Ages.
13 min, B&W, 1950 . . . . $3.50
Traces the story of printing from ancient times to the present day. Shows early methods of reducing pictures by means of carved wood blocks and depicts the transition from printing of pictures to printing of letters. Illustrates Gutenberg's contributions to printing, and reveals the evolution of modern type face. Suggests the impact of the Industrial Revolution on printing; depicts modern books and newspaper presses in operation. (EBF) el, jh, sh
PRINTING

Prison.

59 min, B&W, 1971 . . . . $10.00
This documentary, filmed in Bucks County Prison in Doylestown, Pa., probes the value and reality of prison life. Prisoner interviews bring out complaints of racism, prejudice, and a lack of respect for human dignity. They reveal that much homosexual activity takes place because sexual drives cannot be ignored. Warden Chase believes that "doing time" does not work because prisons only take bitter men and make them more bitter and even teach many their illegal trades. Many on both sides maintain that prisons and prisoners should not be separated from society through the use of a wall. (NET) sh, c, a
CRIME AND CRIMINALS; SOCIAL CONDITIONS

Prison With A Future.

18 min, B&W, 1952 . . . . $5.00
Describes the Ohio Marysville Reformatory for Women. It shows a new approach to prison reform for women—no guns, bars or fences to retain the prisoners. Humane working conditions prepare the women for a new life. (McGraw-Hill) sh, c, a
CRIME AND CRIMINALS

Probing Mind.

28 min, B&W, 1962 . . . . $6.50
Illustrates science teachers utilizing the new educational media in classrooms to develop skills of scientific inquiry in pupils. Shows actual classroom scenes in which ETV, films, filmstrips, models, overhead transparencies, tape recorders, guest speakers, and teaching machines are being used. Suggests methods for using these media in maintaining the curiosity children develop at an early age. Portrays individual instruction by showing students working with scientists in laboratory situations. (U.S. Office of Education; Du Art Film Lab.) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Problem of Nigerian Unity.

19 min, Color, 1967 . . . . $10.00
Illustrates the diversity of Nigeria's geography, climate and people, and shows how tribal competition and animosity have undermined attempts at unification. (ABC; McGraw-Hill) jh, sh, c, a
AFRICA; ANTHROPOLOGY

Problem Method, Part I, Defining the Problem and Gathering Information.

18 min, B&W, 1955 . . . . $5.00
The film depicts a high school social studies class using the problem method under the guidance of their teacher. Their problem is that of pressure groups in a democracy. The principle and techniques of gathering and organizing information on the problem are displayed in the activities of the class. (McGraw-Hill) c, a
EDUCATION–METHODS

Problem Method, Part II, Using the Information to Solve the Problem.

16 min, B&W, 1955 . . . . $4.00
A brief summary of the material covered in Part One (described above) opens the film. This film continues the high school class study of pressure groups. The class examines and analyzes the social issues raised by pressure groups in a democracy by means of the problem approach method. The students gain an understanding of the functions and limitations of pressure groups, and apply what they have learned to local situations. (McGraw-Hill) c, a
EDUCATION–METHODS

Problems of Conservation: Air.

15 min, Color, 1969 . . . . $8.00
Explains what has caused man-made pollution and what is being done to help solve the problem through technological and legislative controls. (EBEC) jh, sh, c, a
ECOLOGY; POLLUTION

Problems of Conservation: Forest and Range.

14 min, Color, 1969 . . . . $8.00
Shows how large areas in the United States are used as productive forest and range land and illustrates the "multiple use" programs of protection and management. Presents the dilemma of retaining large undeveloped areas while demands for food, lumber, and recreation for the rapidly expanding population press upon these areas. (EBEC) jh, sh
CONSERVATION; FORESTS AND FORESTRY

Problems of Conservation: Minerals.

16 min, Color, 1970 . . . . $8.00
Shows examples of our reliance on non-renewable minerals and presents several approaches to intelligent conservation measures. (EBEC) jh, sh
CONSERVATION; MINES AND MINERAL RESOURCES

Problems of Conservation: Soil.

14 min, Color, 1970 . . . . $8.00
Shows what soil is and how it is formed. Illustrates the damaging effects of water and wind erosion when the ground cover of vegetation is stripped away. Illustrates with examples how problems of erosion are combatted through techniques ranging from contour plowing to land-use planning. (EBEC) jh, sh
EROSION; SOIL CONSERVATION

Problems of Conservation: Water.

16 min, Color, 1970 . . . . $8.00
Documents two basic water problems–obtaining an adequate supply of fresh water and maintaining existing supplies. Identifies communities and localities with water supply problems and shows the pollution of the Great Lakes. (EBEC) jh, sh
POLLUTION; WATER AND WATER SUPPLY

Productivity: Key to America's Economic Growth.

28 min, Color, 1965 . . . . $13.00
After depicting the definition of productivity, this film goes on to illustrate productivity advances in America with concrete examples in the historical development of agriculture, the shoe industry, the chemical industry, and other manufacturing processes. Clear explanations are presented about the relationship between productivity and the standard of living. Defined also are the causes of economic growth and what needs to be done to continue increasing productivity. Cleared for both open and closed circuit television. (Alfred P. Sloan Foundation; Sutherland Educational Films) sh, c, a
COMMERCE; ECONOMICS

Professor, FBI.

18 min, B&W, 1953 . . . . $5.00
Shows Police Officers Training at the National Academy in Washington, D.C. under the FBI. Demonstrates how they can return to their jobs with new efficiency. (McGraw-Hill) jh, sh, c
POLICE

Profiles in Courage: Daniel Webster.

50 min, B&W, 1965 . . . . $9.50
He overrode his antislavery convictions to support Henry Clay's compromise in the hope of preserving the Union. Played by Martin Gabel. On two separate 25-minute reels. (Robert Saudek Associates for TV) sh, c
STATESMEN; U.S.–BIOGRAPHY

Profiles in Courage: Frederick Douglass.

50 min, B&W, 1965 . . . . $9.50
A fugitive slave, he dared reveal his identity to work for abolition. Played by Robert Hooks. On two separate 25-minute reels. (Robert Saudek Associates for TV) sh, c
AFRO AMERICANS; U.S.–BIOGRAPHY

Profiles in Courage: John Adams.

50 min, B&W, 1965 . . . . $9.50
His defense of British soldiers accused of murder at the Boston Massacre jeopardized his chance for office. Played by David MacCallum. On two separate 25-minute reels. (Robert Saudek Associates for TV) sh, c
STATESMEN; U.S.–HISTORY: COLONIAL PERIOD

Profiles in Courage: John Marshall.

50 min, B&W, 1965 . . . . $9.50
As Chief Justice of the United States he upheld the Constitution, refusing to convict Aaron Burr of treason. Played by Gary Merrill. On two separate 25-minute reels. (Robert Saudek Associates for TV) sh, c
STATESMEN; U.S.–CONSTITUTION; U.S.–POLITICS

Profiles in Courage: Mary S. McDowell.

50 min, B&W, 1965 . . . . $9.50
A teacher, she stood by her religious beliefs and was forced out of her job. Played by Rosemary Harris. On two separate 25-minute reels. (Robert Saudek Associates for TV) sh, c
EDUCATION; RELIGION

Progress Report on Pakistan.

28 min, B&W, 1953 . . . . $6.50
Pressing problems in an underdeveloped country are discussed. The resources, agriculture, transportation and industry of the new nation are explored. The unity of East and West Pakistan is brought about by religion. (McGraw-Hill) jh, sh, c
PAKISTAN

Project Apollo–Manned Flight to the Moon.

13 min, Color, 1963 . . . . $3.50
This film shows the principal steps that will be taken by NASA to place men on the moon and get them back safely within this decade. It shows the principal features of the Gemini spacecraft,

the modified Titan booster and the type of operations to be carried out under the Gemini program. It also shows the principal features of the Apollo spacecraft, the Saturn I, IB, and five boosters, and types of launches to be accomplished by each. Finally, it shows the complete sequence of events for the manned lunar landing from earth launch to return using the Saturn's launch vehicle and Apollo spacecraft. (National Aeronautics and Space Administration) jh, sh, a
SPACE FLIGHT

Project Discovery: A Demonstration in Education.
30 min, Color, 1965 . . . . $13.00
This film documents the impact films and filmstrips can have on a school when such audiovisual materials and projection equipment are readily accessible to teachers and students. Project Discovery, an experiment conducted at Mercer Elementary School in Shaker Heights, Ohio, enabled both a motion picture and a filmstrip projector to be placed in each classroom. In addition, an extensive film and filmstrip library was made available to the school as were additional filmstrip projectors for students to borrow for homework assignment purposes. Examples of effective classroom utilization of films and filmstrips are shown in addition to their use in the school's library and at home. Teachers and students give their reactions to the effect which instructional media have played in improving the teaching learning environment during this experiment. (EBF) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Project: Teeth.
12 min, Color, 1962 . . . . $3.50
In this film, fifth grade children are at work evaluating the effects upon teeth of a healthful diet and a diet containing too much sugar. A field trip to a dentist's office provides detailed information on proper care of teeth. Cleared for Television. (ADA) el, jh
TEETH; NUTRITION

Projective Generation of Conics.
16 min, Color, 1971 . . . . $8.00
After introducing the eccentricity definition which was known to the ancient Greeks, the film focuses on the several projective definitions, namely those that are devoid of metric notions. Such a projective definition implies the construction of a conic by means of straight-edge alone. The methods of construction developed by Pascal, Maclaurin, Braikenridge, Poncelet, and Steiner, are all exhibited dynamically by means of film animation. (IFB) sh, c
MATHEMATICS

Promise City.
30 min, Color, 1972 . . . . $13.00
This documentary explores the slow death of an Iowa farming community. Not unlike other small midwestern towns, Promise City is confronted with the economic crisis brought about because the small farmer can no longer make a living. The town finds itself with a diminishing population (with 50% of the inhabitants over age 55), no fire department, and no physician. Residents reflect upon the town's past history and some believe that even the economic conditions existing during the depression are better than current problems. (NET) sh, c, a
SOCIOLOGY

Promises to Keep.
28 min, Color, 1969 . . . . $13.00
Provides educators and laymen with a sampling of innovative programs for educating children from slum environments. Documents Philadelphia's Project SPARK, Miami's "Little School," and San Diego's ESL Program. The film emphasizes the hope of unification of society without violence. (NEA and USOE) c, a
EDUCATION–METHODS; SOCIAL PROBLEMS

Prophets: Pont-Aven, The Nabis, and Toulouse-Lautrec.
18 min, Color, 1971 . . . . $10.00
Presents the members of a Paris group called the Nabis or "prophets," whose theories and work formed a link between Impressionism and modern painting. (LES FILMS DuCYPRES; IFB) c
ART, MODERN

Proportion At Work.
12 min, Color, 1960 . . . . $7.00
Introduces ratio and proportion as time saving tools permitting problem solving by indirect measurement and illustrates a typical problem through the work of two fish and game men as they compute the number of trout per square acre in a pond. (VISUAL EDUCATION FILMS; IFB) jh, sh
MATHEMATICS

Proteins: Structure and Function.
15 min, Color, 1972 . . . . $8.00
Shows how proteins work in our bodies. Shows the structure of protein including several 3-dimensional configurations like Trypsin. The film illustrates the interactions that bring about 3-dimensional proteins and how enzymes work. The viewer learns how proteins play a major part in the structure of living things and how, as catalysts, they control life's chemical reactions. (Wiley) c
BIOLOGY; GENETICS

Protozoa (One-Celled Animals).
11 min, Color, 1958 . . . . $7.00
This film, photographed by the distinguished scientist and photomicrographer, Dr. Roman Vishniac, is an intimate close-up exploration of the world of one-celled animals. Identifies: pseudopods, flagelettes, and ciliates. Shows how they move, how they eat and how they reproduce. Provides striking examples of symbiosis, parasitism, and colonial organizations. (EBF) sh, c
MICROBIOLOGY; ZOOLOGY

Prudhoe Bay–Or Bust.
30 min, Color, 1970 . . . . $13.00
Monetary interests and ecological and conservation interests are at odds over the issue of building 800 miles of hot oil pipeline through the Arctic Tundra in Alaska. The pipeline will bring road construction and dynamiting and nobody knows the effect this will have on wildlife and the Alaskan environment in general. Approximately one half of the pipe will be above ground. This will create a wall six or seven feet high and may make it impossible for caribou to migrate in their search for food. Scenes show moose, gyrfalcons, swallows, arctic terns, and ptarmigans, animals which have not yet learned to fear man and his destructive capabilities. (NET) sh, c, a
ECOLOGY; WILDLIFE–CONSERVATION

PSSC Physics Series: Change of Scale.
23 min, B&W, 1961 . . . . $5.00
Features Robert Williams of the Massachusetts Institute of Technology. Demonstrates that change of size necessitates change in structure of objects; uses specially constructed props to emphasize scaling problems, then shows practical application of scale models as used in the construction of harbors, study of ship design and movie-making. (Educational Services Inc.) sh, c
PHYSICS

PSSC Physics Series: Coulomb's Law.
30 min, B&W, 1961 . . . . $6.50
Features Eric Rogers of Princeton University. Demonstrates the inverse square variation of electric force with distance, and also the fact that electric force is directly proportional to charge. Introduces the demonstration with a thorough discussion of the inverse square idea. Also tests inverse square law by looking for electrical effects inside a charged hollow sphere. (Educational Services Inc.) sh, c
PHYSICS

PSSC Physics Series: Electromagnetic Waves.
33 min, B&W, 1961 . . . . $6.50
Features George Wolga of the Massachusetts Institute of Technology. Shows why we believe in the unity of the electromagnetic radiation spectrum. Experiment shows that the radiation arises from accelerated charges and consists of transverse waves that can be polarized. Interference (Young's double slit experiment) is shown in four different regions of electromagnetic spectrum: X-ray, visible light, microwave and radiowave. (Educational Services, Inc.) sh, c
PHYSICS

PSSC Physics Series: Frames of Reference.
28 min, B&W, 1961 . . . . $6.50
Features Patterson Hume and Donald Ivey of the University of Toronto. By means of a variety of experiments on frames of references moving at constant speed or at constant accelerations, this film demonstrates the distinction between an inertial and non-inertial frame of reference, and the appearance of fictitious forces in a non-inertial frame. (Educational Services Inc.) sh, c
PHYSICS

PSSC Physics Series: Inertia.
26 min, B&W, 1961 . . . . $6.50
Features E. M. Purcell of Harvard University. Demonstrates Galileo's principle of inertia using low friction dry ice pucks and multiple flash photography; develops the relation that acceleration is proportional to force, when mass is constant. (Educational Services Inc.) sh, c
PHYSICS

PSSC Physics Series: Periodic Motion.
33 min, B&W, 1961 . . . . $6.50

Features Patterson Hume and Donald Ivey of the University of Toronto. From a number of periodic motions, simple harmonic motion is selected for detailed examination; a pen moving in SHM plots its own displacement; graphs of velocity and acceleration versus time are derived from it. The formula for the period of SHM is derived from one component of circular motion; the dynamics in period of SHM checked experimentally by oscillation of dry ice puck mounted between springs. (Educational Services Inc.) sh, c
PHYSICS

PSSC Physics Series: Pressure of Light.
23 min, B&W, 1961 . . . . $5.00
Features Jerrold R. Zacharias of the Massachusetts Institute of Technology. Light pressure on a thin foil suspended in a high vacuum sets the foil into oscillation. The film leads up to this by a discussion of the Crookes radiometer and the effect–not light pressure–that causes it to rotate. The role of light pressure in the universe is also briefly discussed. (Educational Services Inc.) sh, c
LIGHT; PHYSICS

PSSC Physics Series: Sound Waves in Air.
35 min, B&W, 1961 . . . . $6.50
Features Richard H. Bolt of the Massachusetts Institute of Technology. The wave characteristics of sound transmission are investigated with large scale equipment using frequencies up to 5000 cycles. Experiments in reflection, diffraction, interference and refraction are supplemented with ripple-tank analogies. Interference is shown in both the pattern of standing waves and in a pattern reflected from a grating. A gas filled lens is used to refract sound. (Educational Services Inc.) sh, c
SOUND, PHYSICS

PSSC Physics Series: Speed of Light.
21 min, B&W, 1961 . . . . $5.00
Features William Siebert of the Massachusetts Institute of Technology. Outdoors at night Dr. Siebert measures the speed of light in air over a 300 meter course using a spark-gap, parabolic mirrors, a photocell and an oscilloscope. In the laboratory he compares the speed of light in air and in water using a high speed rotating mirror. (Educational Services Inc.) sh, c
LIGHT; PHYSICS

PSSC Physics Series: Straight Line Kinematics.
34 min, B&W, 1961 . . . . $6.50
Features E. M. Hafner of the University of Rochester. Notions of distance speed and acceleration are discussed; graphs of all three versus time are generated using special equipment in a real test car; relationships among them shown by measurements (and estimates) of slopes and areas from the graphs. (Educational Services Inc.) sh, c
GRAPHS; PHYSICS; POWER (MECHANICS)

P'tit Jean S'en Va Aux Chantiers.
16 min, Color, 1961 . . . . $8.00
A tale of the superhuman exploits of P'tit Jean, hero of a French Canadian folktale, whose feats at a Quebec lumber camp dwarf those of the hardiest lumberjack. (NFBC; IFB) jh, sh
FRENCH LANGUAGE

Pueblitos De Mexico.
10 min, Color, 1963 . . . . $7.00
Shows everyday life and simple events in two Mexican Indian villages, as described in normally paced Spanish. (IFB) jh, sh
MEXICO; SPANISH LANGUAGE

Puerto Rico: Caribbean Americans.
22 min, Color, 1970 . . . . $10.00
Presents the main historical facts about the island, the monuments of its history, and the life of its people. (ABC-TV; IFB) jh, sh, c, a
PUERTO RICO

Puerto Rico Es Asi.
16 min, Color, 1973 . . . . $8.00
A language-teaching film designed to introduce the beginning student of Spanish to the land and people of Puerto Rico. The film introduces a typical Puerto Rican, Rafael Gonzalez, his work, his family, and their everyday occupations. (IFB) sh, c
PUERTO RICO; SPANISH LANGUAGE

Puerto Rico: Its Past, Present and Promise.
20 min, Color, 1965 . . . . $10.00
Vivid study of a bold experiment: "Operation Bootstrap." Students see how, for a despairing and impoverished Caribbean peasantry, a unique partnership between the U.S. and Puerto Rico has created a "model" democracy. (EBEC) jh, sh
PUERTO RICO

Punched Card Data Processing: Accounting Machine.
24 min, B&W, 1971 . . . . $5.00
Informs viewer that primary purpose of the accounting machine is to print records and documents, with accumulated totals. Describes functional components of machine, which is a key element in a punched card data processing system. Shows operation of accounting machine by running through steps involved in processing a detail-printed analysis report. Highlights machine's capabilities: printing reports and documents with accumulated totals, forms positioning, and summary punching. Points out advantages of the accounting machine. (Wiley) c, a
BUSINESS; BUSINESS EDUCATION; ELECTRONIC COMPUTERS

Punched Card Data Processing: Card Punch.
20 min, B&W, 1971 . . . . $5.00
States purpose of card punch is to convert data from human-readable form into machine-readable punched cards. Discusses functional components of the card punch and contrasts ease of usage between a card puncher with and without a program control unit. Demonstrates operation of card punch. Notes advantages of the machine. (Wiley) c, a
BUSINESS; BUSINESS EDUCATION; ELECTRONIC COMPUTERS

Punched Card Data Processing: Collator.
31 min, B&W, 1971 . . . . $6.50
The collator's merging, matching, match-merging, selecting, and sequence-checking capabilities are discussed and demonstrated in the context of an application involving magazine subscription renewals. Points out functional components and operating features. (Wiley) c, a
BUSINESS; BUSINESS EDUCATION; ELECTRONIC COMPUTERS

Punched Card Processing: Reproducer.
29 min, B&W, 1971 . . . . $6.50
In the context of a payroll application, demonstrates how reproducer is used to create weekly time cards from employee master cards, and notes the difference between strait and offset printing. Gang-punching, comparing and recovery procedure, and mark-sensed capabilities are explained and demonstrated. Summary punching and end-printing capacities are noted, but not demonstrated. (Wiley) c, a
BUSINESS; BUSINESS EDUCATION; ELECTRONIC COMPUTERS

Punched Card Data Processing: Sorter.
35 min, B&W, 1971 . . . . $6.50
Explains that primary use of sorter is to arrange cards in numeric or alphabetic sequence. Reviews functional components and operating features of the sorter. Demonstrates sorting techniques (including block sorting) and underlines the selective capacity of the sorter. Emphasizes the importance of the sorter in a punched card data processing system. (Wiley) c, a
BUSINESS; BUSINESS EDUCATION; ELECTRONIC COMPUTERS

Punctuation: Mark Your Meaning.
14 min, B&W, 1963 . . . . $4.00
Tony's dictated report shows how proper punctuation helps clarify the writer's meaning. (Coronet) el
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Puritan Family of Early New England.
10 min, Color, 1955 . . . . $7.00
What was Puritan family life like? This question and many more are answered in this motion picture filmed at authentic restorations. The Giles Phippes family, living in a small New England coastal village, participates in many activities and chores–the children learning from a hornbook, digging clams, spinning wool; the mother cooking cornbread, making soap and candles; and the father hunting and dressing skins. A lighter historical note is presented as a friendly Indian introduces the Puritan children to popcorn. (Coronet) el, jh
U.S.–HISTORY: COLONIAL PERIOD

Purse.
13 min, B&W, 1967 . . . . $3.50
Shows the internal conflict of an elderly woman as she searches for a decision as to what she should do with a purse she finds on a city bus. (NFBC; IFB) sh, c, a
GUIDANCE, PERSONAL

Putting Animals in Groups.
13 min, Color, 1956 . . . . $7.00
Stresses that children can classify animals by observing their structure. Shows and explains the distinctive characteristics of mammals, birds, reptiles, amphibians, fishes, and insects. In-

cludes a review of the main ideas. (IFB) jh, sh
BIOLOGY; SCIENCE, GENERAL

Pygmies of Africa.
20 min, B&W, 1938 . . . . $5.00
Permits an interesting study of an extremely primitive society. Depicts the pygmy in his native habitat, performing tasks mainly concerned with securing food. Describes the unceasing search for wild fruits and vegetables, and illustrates techniques for stalking game and the construction of hunting weapons. We also observe such other activities as basket-making, shelter construction, ivory collecting, and bartering as well as weird sacrificial ceremonies. (EBF) el, jh, sh, c, a
AFRICA; ANTHROPOGEOGRAPHY–AFRICA

Pythagorean Theorem: Cosine Formula.
6 min, B&W, 1960 . . . . $3.00
This film shows how the Pythagorean Theorem may be applied to acute angled triangles in addition to right triangles and how this leads to the cosine formula. Animated drawings prove that as the acute angle approaches a right angle, its cosine approaches zero, so that the Pythagorean Theorem reappears. (Coronet) jh, sh, c
GEOMETRY; MATHEMATICS

Pythagorean Theorem: Proof By Area.
6 min, B&W, 1960 . . . . $3.00
In this film animated diagrams provide a visual demonstration of the principles of geometric movement and transformation to show how the square of each side of a right triangle may be transformed to a parallelogram of equal area, and how these may be proved to be equal in area to the square of the hypotenuse. (Coronet) jh, sh, c
GEOMETRY; MATHEMATICS

Q

Quality of Meat You Buy.
6 min, Color, 1972 . . . . $3.50
Meat purchasing power. What is it? It's your ability to be both economical and quality conscious when buying meat cuts your family enjoys. That may sound hard to achieve, but this film shows how it's done. (U.S. Dept. of Ag.) jh, sh, c, a
CONSUMER EDUCATION

Quarter Horse: Horse America Made.
38 min, Color, 1973 . . . . $3.50
Documents many facets of the quarter horses' world-racing, many varieties and kinds of shows, rodeo and family enjoyment of horses. (AQHA) jh, sh, c, a
SPORTS

Que Lo Mejor Sea Nuestro.
18 min, Color, 1971 . . . . $3.50
Traces the growth and development of the nation's meat and poultry inspection program. Covers processing and labeling requirements and inspection controls. Contains consumer information on best buys and meat handling precautions. (ALSO AVAILABLE IN ENGLISH) (USDA) jh, sh, c, a
CONSUMER EDUCATION; SPANISH LANGUAGE

Que Puerto Rico!
16 min, Color, 1963 . . . . $8.00
An artistic interpretation of Puerto Rico, its people and their way of life. (CINE award winner) (Tibor Hirsch; Contemporary) el, jh, sh, c, a
PUERTO RICO; WEST INDIES

Quest for Freedom.
16 min, Color, 1965 . . . . $8.00
The story of man's unending quest for freedom is traced from Athens and Rome, through its submergence in the Middle Ages, its rebirth in the Renaissance to the safeguards provided freedom in the modern world. Told through animation, making inventive use of art treasures of the past. (Churchill) el, jh, sh
CIVIL RIGHTS; HISTORY, UNIVERSAL; POLITICAL SCIENCE

Quiet Revolution.
30 min, Color, 1967 . . . . $13.00
To provide educators and layman a glimpse of some possible innovations for their own schools, this film paints a broad picture of current changes in education. It features teacher aides, modular scheduling, and other innovative aspects of schools in Tuba City and Tucson, Arizona, and Huntington Beach, Poway, and Berkeley, California. All the in-school scenes were unrehearsed. (NEA & USOE; NEA) c, a
EDUCATION–METHODS; SCHOOL MANAGEMENT AND ORGANIZATION

R

R. Buckminster Fuller: Prospects For Humanity.
30 min, B&W, 1967 . . . . $6.50
Presents R. Buckminster Fuller's predictions of the prospects for humanity. He believes that the technology derived from space exploration, computer applications, and systems analysis will unify mankind. This prediction is expounded in excerpts filmed during speeches by Fuller at three educational institutions: Merritt College, Oakland, California; Aspen Institute for Humanistic Studies, Aspen, Colorado; and Esalen Institute, Big Sur, California. (NET) c, a
FUTURE STUDIES

Radcliffe Blues.
23 min, B&W, 1970 . . . . N/C
A young woman speaks on alienation and radicalization in college; dawning consciousness of women's oppression. (Claudia Weil; American Documentary Films) sh, c, a (FOR CAMPUS USE ONLY)
WOMEN'S STUDIES

Radiation Effects on Farm Animals.
13 min, Color, 1964 . . . . $3.50
Provides information on immediate effects and long term pathological changes caused by high radiation exposure. Discusses amount and rate of radiation exposure and the effects on the circulatory, digestive, respiratory and nervous systems of animals. Animation illustrates damage and regeneration of body cells. (USDA) c, a
RADIATION; FARM LIFE; PHYSIOLOGY

Radiation in Biology: An Introduction.
14 min, Color, 1962 . . . . $8.00
How high-energy radiations affect living plants and animals is graphically demonstrated through laboratory experiments in one of the nation's leading research laboratories. The concepts of natural radiation and artificially produced radiation are clearly explained and the film shows the use of radioactive materials in treating cancer and in studying the processes of growth, nutrition and reproduction in living things. (Coronet) jh, sh, c
BIOLOGY; RADIATION

Radioactivity.
13 min, Color, 1961 . . . . $7.00
This film describes the characteristics of alpha, beta and gamma radiation and the instruments and methods by which they may be detected. (McGraw-Hill) sh, c
NUCLEAR PHYSICS; ATOMIC ENERGY; RADIATION

Radiological Defense.
28 min, Color, 1961 . . . . $3.50
This film illustrates the menace of radioactive fallout. It also describes the nature and effects of fallout, and shows how the nation's radiological defense operates at all levels of activity. Throughout the picture fallout shelter is stressed as the best means to protect the greatest number of people in the event of a nuclear war. (Office of Civil Defense Mobilization) c, a
ATOMIC BOMB; CIVIL DEFENSE; RADIATION

Rag Tapestry.
11 min, Color, 1968 . . . . $7.00
Documents twenty-five youngsters creating a rag tapestry. (Julien Bryan; IFF) el, jh, sh, c, a
TAPESTRIES; ARTS AND CRAFTS

Railroad Special Agent.
14 min, B&W, 1951 . . . . $4.00
Describes the role of the Railroad Police in guarding the railroad property, checking cars and educational assignments. (McGraw-Hill) el, jh, sh
POLICE; RAILROADS

Rain.
10 min, Color, 1961 . . . . $7.00
Describes man's need for rain. Discusses the water cycle and the phenomenon of the rainbow. (ROED; IFB) el
CHILDREN'S FILMS; SCIENCE, GENERAL

Rain In The City.
14 min, B&W, 1971 . . . . $4.00
Presents the activities of a city as a gentle rain storm comes and goes. Umbrellas open, feet walk through puddles, and automobiles splash pedestrians. As people run for shelter, others incongruously remain in the open: an old man carries a sign, a tramp looks through garbage cans, and a violinist plays. The film then shifts to a wooded area where raindrops fall from flowers to the sound of bells and a solitary walker with an umbrella

disturbs a toad and a lizard. All these shots have been edited into a rhythmical montage with the constantly falling rain as a background chorus. (HART-WOLF; IFB) sh, c

MOTION PICTURES, EXPERIMENTAL

Rainbow of Stone.

20 min, Color, 1949 .... $10.00

When drought threatens the flocks, Ziki, a Navajo boy, tells his friend Jimmy, the son of the white trader, the tribal legend of a bountiful land beyond the "Rainbow of Stone." The boy asks Ziki's grandfather about the legend, and he encourages them to seek the fabled pasturage. On the trail, every animal, bird, and rock formation has significance in the lore. Ultimately the boys find the trail through the "Rainbow of Stone" to an abundant land of grass, lakes and flowers. Ziki explains their success in terms of his tribal legends, and Jimmy finds the answer in a different approach to the solution of problems. This film is intended as a basis for discussion of scientific and unscientific beliefs. (TFC) el, jh, sh

ANTHROPOGEOGRAPHY–NORTH AMERICA; FOLKLORE; INDIANS OF NORTH AMERICA

Rainshower.

14 min, Color, 1965 .... $8.00

A rich experience in looking and listening. The sights, sounds, beauty and rhythm of rain, as it affects plants and animals on a farm and people at work in the community. Without a word of narration, the film evokes the feel and smell of rain, and shows how it is important to people and other living things. (Churchill) el

ART; LITERATURE; WEATHER

Raku–The Ancient Art of Japanese Ceramics.

10 min, Color, 1972 .... $7.00

The raku process began in 12th century Japan, growing out of a Zen Buddhism religious ceremony. In this film, the simplicity of the process and the beauty of the results are vividly shown, as well as the great variety of objects and designs that can be created. (AIMS) sh, c, a

ARTS AND CRAFTS

Ranger VII: Photographs of the Moon (Camera A Series).

7 min, B&W, 1965 .... $3.00

Pictures of the moon taken by Ranger VII (Camera A Series) as it approached the moon from seventeen minutes out. Explanations are provided by the narrator as the satellite moves in. Gives longer look at the last and closest pictures taken. (California Institute of Technology) sh, c

ASTRONOMY; SATELLITES; PHOTOGRAPHY

Ratio and Proportion in Mathematics.

11 min, B&W, 1961 .... $3.50

This film shows that ratio expresses a relationship between two numbers and illustrates that equal ratios form a proportion which may be used in solving problems. It is stressed that the units must be the same in finding ratios between two numbers. (Coronet) jh, sh

MATHEMATICS

Ravaged Land.

15 min, Color, 1971 .... $8.00

This film juxtaposes the unspoiled beauty of our land with the widespread devastation created by monstrous earth-moving machines that ravage the earth in search of coal. It describes three efforts to reclaim surface mining areas in the mountains. In an interview with conservationist, Harry Caudill, the film calls for enactment by Congress of national laws to solve the problems caused by surface mining. (Peabody College) sh, c, a

CONSERVATION; ECOLOGY

Reaction, Brakes, Time and Space (2nd Edition).

9 min, Color, 1964 .... $6.00

A viewer's self-test illustrates reaction time lag. Time is translated into reaction distance, a 50 mph test staged with stunt drivers. (AIMS) jh, sh, c, a

SAFETY EDUCATION

Reading for Beginners: Using Context Clues.

11 min, Color, 1969 .... $7.00

Noticing how a word is used helps pupils find out what the word is, how to pronounce it, and its meaning. (Coronet) el

READING

Reading for Beginners: Word Sounds.

11 min, Color, 1964 .... $7.00

Jerry has fun experimenting with words that begin with the same sound, and words that end with the same sound. (Coronet) el

READING

Reading for Beginners: Word Shapes.

11 min, Color, 1969 .... $7.00

Shows how shapes of whole words and shapes of certain letters and their place in a word help beginning readers recognize words. (Coronet) el

READING

Reading for Beginners: Words and Word Parts.

11 min, Color, 1969 .... $7.00

A game called "Build-a-Word" helps pupils learn how words are built and how prefixes and suffixes are added to make longer words. (Coronet) el

READING

Reading Improvement: Comprehension Skills.

11 min, B&W, 1961 .... $3.50

This film suggests that when readers understand how written material is organized, they will gain better comprehension of the ideas it contains. For example, the film shows that paragraphs represent main ideas and that a sequence of paragraphs represents a series of related ideas. Finding topic sentences and learning how to outline are methods emphasized in the film to aid in better comprehension of written material. (Coronet) jh, sh

READING; EDUCATION–STUDY AND TEACHING

Reading Improvement: Defining the Good Reader.

11 min, B&W, 1961 .... $3.50

Examining the reading habits of three students, this film points out the characteristics of a good reader, thus permitting the student to compare his own level with high standards. The following skills in which most readers can improve themselves are shown: word recognition, vocabulary, comprehension and a variety of reading speeds. (Coronet) jh, sh

READING; EDUCATION–STUDY AND TEACHING

Reading Improvement: Effective Speeds.

11 min, B&W, 1961 .... $3.50

Some students read too fast, others too slowly, because many are unable to vary their reading speeds with relation to their purposes and the difficulty of the material being read. The purpose of this film is to improve the reader's ability to vary his speed within his ability to understand. One of the accepted techniques to achieve this is phrase reading. For graphic effect, other specific skills and exercises are demonstrated in animation. (Coronet) jh, sh

READING; EDUCATION–STUDY AND TEACHING

Reading Improvement: Vocabulary Skills.

11 min, B&W, 1961 .... $3.50

The reader in the film begins to improve his vocabulary when he realizes that his limited stock of words restricts his reading effectiveness. The film points out that vocabulary improvement is a personal matter and must be undertaken with special diligence. The specific skills and exercises required to develop a better vocabulary are outlined in detail. (Coronet) jh, sh

READING; VOCABULARY; EDUCATION–STUDY AND TEACHING

Reading Improvement: Word Recognition Skills.

11 min, B&W, 1961 .... $3.50

This film shows precisely how word recognition errors occur and how to avoid them. Full attention is given to the dictionary as an aid to word recognition and to phonetic analysis as the key to independence in reading. By using animation, the film shows the student skills which can be developed for quick, accurate recognition of words by form, context, and sound. (Coronet) jh, sh

READING; VOCABULARY; EDUCATION–STUDY AND TEACHING

Reading Incentive Film Series: Gilberto and the Wind.

7 min, Color, 1968 .... $6.00

A story about Gilberto and his friend, the wind, and how it affects his child's world. Read by Harry Belafonte. (McGraw-Hill) el

STORIES; READING

Reading Incentive Film Series: My Dog is Lost.

10 min, Color, 1968 .... $7.00

The problems of communication are dramatized in this story when Juanito, newly arrived from Puerto Rico, loses his dog and tries to find him in New York City without being able to speak English. Read by Harry Belafonte. (McGraw-Hill) el

STORIES; READING

Reading Incentive Film Series: Noisy Nancy Norris.

11 min, Color, 1968 .... $7.00

Nancy's mother points out to her that there is a time and a place to be noisy and that one must respect the rights of others. Read

by Shirley MacLaine. (McGraw-Hill) el
STORIES; READING

Reading Incentive Film Series: Whistle for Willie.
6 min, Color, 1968 . . . . $6.00
A story about a little boy who wants to learn how to whistle and to do so does all the things which children will find familiar. Read by James Garner. (McGraw-Hill) el
STORIES; READING

Reading Maps.
11 min, Color, 1955 . . . . $7.00
Designed for use in *elementary social studies*, this film is an introduction to maps. Through familiar situations and aerial photography, the film shows that maps are drawn in a language of signs that stand for physical features, and demonstrates the value of the legend, the scale, the direction symbol, and the title in the making and reading of maps. (EBF) el
MAPS AND GLOBES

Reading Weather Maps.
13 min, B&W, 1965 . . . . $3.50
Step-by-step preparation of a station model includes symbols for cloud coverage, wind direction and speed, dew point, and barometric pressure and tendency. Based on hundreds of station models in North America, we see isobars, low and high pressure areas, warm and cold fronts, and areas of precipitation added to complete the weather map. We see how the weather map may be used to forecast weather. (Coronet) el, jh
WEATHER

Real West.
54 min, B&w, 1961 . . . . $9.50
Recreates the American West as it really was when the pioneers moved westward to fill in the last frontiers (1849-1900). Still picture animation technique graphically explores the social and economic developments of the expanding West. Gary Cooper narrates. (Multi-Award winner) (NBC-Project 20; McGraw-Hill) el, jh, sh, c, a
COWBOYS; FRONTIER AND PIONEER LIFE; U.S.–TERRITORIAL EXPANSION

Red Carpet.
9 min, Color, 1955 . . . . $6.00
Tells the story of a carpet that ran away to greet the Duke of Sultana. (Weston Woods) el
CHILDREN'S FILMS

Red China.
54 min, B&W, 1965 . . . . $9.50
The film first traces the rise of Mao Tse-tung and the communists during the savage civil war against Chiang Kai-shek and the Chinese Nationalists from 1946 to 1949. The film then focuses on communist China's successful five year plan, followed by the disastrous "great leap forward." Then, with the use of exclusive films made inside communist China, this film examines the changes that have occurred under the communist regime in the past few years, the Soviet Union and other nations, Red China's growing strength and widening influence, and the threat it poses to world peace. (McGraw-Hill) sh, c, a
CHINA; COMMUNISM; ASIA

Red China Diary with Morley Safer.
54 min, Color, 1967 . . . . $19.00
This documentary reveals the Red China of today, providing a firsthand look at the "Cultural Revolution" of Chairman Mao Tse-Tung. The impact of "Maoism" is examined during this twenty-day tour which covers five principal cities in Red China. Interviews with students, factory workers and aggressive members of the Red Guard serve to indicate the fanatic fervor of the Red Chinese to their cause. The film shows the inculcation of "Maoism," starting in the crib with songs extolling the virtues of Chairman Mao and extending into the classrooms, factories and farms. (CBS, BFA) sh, c, a
COMMUNISM; CHINA

Red Planet–Mars.
17 min, Color, 1967 . . . . $8.00
After a brief history of early studies of Mars, this film presents current information on the planet obtained from recent explorations. (PLYMOUTH FILMS; IFB) jh, sh, c, a
ASTRONOMY; SPACE FLIGHT

Refinishing and Painting Furniture: Part I – Removing Old Finish.
14 min, B&W, 1965 . . . . $3.50
Illustrates the preparatory steps in removing old finish from furniture. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part II – Removing Dents, Bruises and Stains.
14 min, B&W, 1965 . . . . $3.50
Illustrates various techniques for removing glue, wax, silicone residues, paint, dents and bruises from unfinished furniture. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part III – Smoothing with Abrasives.
14 min, B&W, 1965 . . . . $3.50
Illustrates the techniques of smoothing various wood surfaces with abrasives. Denotes checks on surface smoothness and loose joints. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part IV – Applying Stains.
14 min, B&W, 1965 . . . . $3.50
Illustrates where to stain, the types of stains, and how to apply. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part V – Applying Finish.
14 min, B&W, 1965 . . . . $3.50
Illustrates types of finishes, use of wood sealer, and correct application of finish. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part VI – Cracks and Holes and Final Finish.
14 min, B&W, 1965 . . . . $3.50
Illustrates the techniques for repairing cracks and holes with wood forming plastic and lacquer sticks. Applying the final coats of sealer. (UConn) jh, sh, c, a
WOODWORKING

Refinishing and Painting Furniture: Part VII – Final Rub Down.
14 min, B&W, 1965 . . . . $3.50
Illustrates the techniques of rubbing down the finish with pumice and oil. Final check on finish for smoothness, hardness, appropriate color, and removal of imperfections. (UConn) jh, sh, c, a
WOODWORKING

Reflections on Time.
22 min, Color, 1970 . . . . $10.00
Considers the concept of time subjectively, objectively, and geologically. (EBEC) jh, sh, c, a
TIME; PHYSICS; GEOLOGY

Reflets de la Vie Intellectuelle.
19 min, Color, 1963 . . . . $10.00
France's continuous intellectual creativity is traced through centuries of history. Her culture follows rich traditions that have encouraged original creative expression throughout the world. French narration. (USOE; MLA) el, jh, sh, c
FRANCE; AUTHORS, FRENCH; FRENCH LANGUAGE

Reformation.
13 min, B&W, 1955 . . . . $3.50
This overview of many of the events of the period known as the "Reformation" is set among the actual sites of their occurrence. Such factors as the role of the Church in European life, the cultural rebirth brought about by the Renaissance, the emergence of national states, and new interpretations of the Scriptures are discussed. While such figures as Calvin, Zwingli, and Knox are recognized, the film devotes particular attention to Luther and the Protestant Reformation in Germany. (Coronet) el, jh, sh, c
EUROPE–HISTORY: 1492-1789; RELIGION

Reformation: Age of Revolt.
24 min, Color, 1972 . . . . $10.00
The 16th century was an era shaken by radical changes in technology, split by social conflict, and torn by the bloody clash of ideologies. Through an interesting balance of illustration and photography, this film chronicles a dramatic turning point in history. (EBEC) sh, c
EUROPE–HISTORY: 1492-1789

Regen.
14 min, B&W, 1969 . . . . $4.00
Designed for use as a German language teaching aid for students at the second-year high school or second-semester college level. (IFB) sh, c
GERMAN LANGUAGE FILMS

Regulating Body Temperature.
22 min, Color, 1972 . . . . $10.00

Vertebrates maintain a stable body temperature despite considerable surrounding temperature changes. The film investigates this phenomenon in experiments with both human and animal subjects. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Reinforcement in Learning and Extinction.
8 min, B&W, 1956 . . . . $3.00
Behavior that is reinforced does get learned, while nonreinforced behavior is extinguished. This general principle is demonstrated in this film with both humans and pigeons. In laboratory experiments pigeons are taught to go through motions completely foreign to their normal behavior. This teaching is done by means of selective reinforcement of response. It is then shown that removal of the reinforcement causes gradual extinguishing of the learned behavior, although there is a degree of spontaneous recovery of the response. When the reinforcement is restored the behavior is rapidly reacquired. Parallels are drawn in the film between the basic principles demonstrated, and the behavior of children. (McGraw-Hill) c
PSYCHOLOGY, COMPARATIVE; EDUCATION–STUDY AND TEACHING

Rembrandt Van Rijn: A Self Portrait.
27 min, Color, 1955 . . . . $13.00
This analysis of the life and works of Rembrandt Harmenszoon van Rijn combines knowledge, insight, and cinema technique eminently worthy of their subject. Not only the people and events of Rembrandt's life, but his feelings about them and about himself are clearly revealed in his sketches, self-portraits, and paintings. They provide both a graphic biography and a record of his world and time. (EBF) sh, c
BIOGRAPHY; ARTISTS; ART

Remembering New Hampshire.
28 min, Color, 1968 . . . . $3.50
Presents a review of New Hampshire's year round vacation land: the mountains with sports for all seasons, the valleys with lakes for water-skiing or fishing, the state parks and camps, and the historical sites of the state. (Hamilton Wright Org.; State Planning and Development Commission) el, jh, sh, c, a
U.S.–STATES; RECREATION

Remnants of a Race.
18 min, Color, 1953 . . . . $10.00
In the great waterless Kalahari desert (Bechuanaland, South Africa) the Bushman exists precariously, relentlessly hunting for food. Evidences of his sketching and painting appear on the ostrich egg utensils he uses. The Bushman chatters in a strange clicking manner, thanks his gods in rhythmic dance. Production by Kalahari Films. (EBF) el, jh, sh, c
REPUBLIC OF SOUTH AFRICA; ANTHROPO-GEOGRAPHY–AFRICA; ART, PRIMITIVE

Renaissance.
10 min, Color, 1950 . . . . $7.00
This film endeavors to represent the changes in mental attitude and human spirit by providing a wealth of colorful, authentic images including Galileo's telescope, Leonardo's notebooks, the Medici Palace in Florence and St. Peter's Cathedral in Rome. Students will experience something of the science, the literature, the arts and above all, the driving spirit of human endeavor of that historical period. (Coronet) el, jh, sh
EUROPE–HISTORY: 476-1492; ART, MEDIEVAL; ARCHITECTURE

Renaissance Intrigue.
20 min, B&W, 1953 . . . . $5.00
This excerpt provides a background for the study of the Renaissance period in Italy. Though based upon a fictional incident, the costumes, settings and details of the life of the times are vividly reproduced. Caesar Borgia sends Count Orsini, ostensibly as an ambassador, but actually as a spy to Citta del Monte, an independent principality. Orsini is influenced by the enlightened government of Citta del Monte. When Borgia sends his ultimatum, Orsini revolts against his vicious, corrupt policies. He leads the defenders against Borgia's forces. By implication, this successful resistance is a turning point in the career of Caesar Borgia. (TFC) sh, c
EUROPE–HISTORY: 476-1492; ITALY; ART, MEDIEVAL

Renaissance (Its Beginnings in Italy).
26 min, Color, 1957 . . . . $13.00
This film, photographed entirely in Italy and France, portrays the rise of the Renaissance–a period when, starting in Italy, Europe awoke to a new awareness about man and his surroundings. (EBEC) jh, sh, c
EUROPE–HISTORY: 1492-1789

Repas Chez Francis.
11 min, Color, 1970 . . . . $7.00
Michele takes Penny to lunch, but they arrive so late that little choice of menu is left. (IFB) jh, sh, c
FRENCH LANGUAGE

Report Card: How Does Riccardo Feel?
5 min, B&W, 1970 . . . . $3.00
5 min, Color, 1970 . . . . $6.00
Portrays a familiar parent-child conflict situation in open-ended story form. A child experiences conflict when the behavior he has come to expect from his parent is suddenly and inexplicably changed. (EBEC) el
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); GUIDANCE, PERSONAL

Report On Down's Syndrome.
21 min, Color, 1964 . . . . $10.00
Direct photography and animation are used to outline general characteristics, treatment methods and latest genetic findings concerning Down's Syndrome, previously called Mongolism. (IFB) a
EDUCATION, SPECIAL

Reproduction Among Mammals.
10 min, B&W, 1937 . . . . $3.50
Actual photography, animated drawings, microcinematography and three-dimensional animations are used to present the story of embryology. The domestic pig was selected for illustration. The story is fundamentally complete from the formation of the original male and female germ cells to the active newborn pig, including such processes as fertilization, cleavage, bastulation, gastrulation, formation of neutral folds, development of membranes and embryonic circulation, and parturition. (EBF) jh, sh, a
EMBRYOLOGY; REPRODUCTION, ANIMALS; ZOOLOGY

Reproduction Cycle of Angel Fish.
10 min, Color, 1970 . . . . $7.00
Details the process of reproduction of the elegant aquarium favorite, the angel fish. (IFB) jh, sh
MARINE BIOLOGY; REPRODUCTION, ANIMALS

Reptiles.
14 min, Color, 1955 . . . . $8.00
Introduces the five orders of reptiles remaining on earth. The noted nature photographer, William A. Anderson, filmed living sequences of lizards, turtles, tuataras, crocodillians and serpents in their habitats throughout the United States. (EBF) jh, sh, c
REPTILES; ZOOLOGY; ANIMALS

Reptiles and Amphibians.
52 min, Color, 1969 . . . . $19.00
Tells the fascinating story of how many of the world's reptiles and amphibians have survived for hundreds of millions of years as a group alienated from the higher animals that inhabit the Earth. The everyday lives of these creatures are seen in sequences filmed on location in the deserts of the United States, the waters of Australia, jungles of Southeast Asia, tropical beaches of Costa Rica, and reefs of the Galapagos Islands. (NGS) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR

Republic of South Africa (Rev. Edition).
17 min, Color, 1963 . . . . $8.00
A comparison of three ways of life in the Republic of South Africa: primitive tribes, Boer farms; and mining communities and cities, showing the impact of white culture. (EBEC) jh, sh, c
REPUBLIC OF SOUTH AFRICA

Research Points the Way.
27 min, Color, 1967 . . . . $3.50
Reviews the complexity of today's food production, processing, and distribution system as well as the research being done to help increase the efficiency of this system. Demonstrates the manner in which problems relating to major foods are attacked and solved. Shows the value and depth of such research and demonstrates the challenges and fascination of research as a career. Cleared for TV. (Economic Research Service; USDA) jh, sh, a
FOOD

Research Problem: Inert (?) Gas Compounds.
19 min, Color, 1963 . . . . $10.00
The film conveys the intense excitement and deep personal involvement of research in the stimulating context of the first synthesis of one of the inert gas compounds. An actual research problem, the first synthesis of krypton difluoride, is traced from its inspiration to the first tentative success. A train for the pyrolytic preparation of XeF_4 is shown. In extreme closeup, the

colorful reaction of XeF_4 with water is displayed and a crystal of XeO_3 is detonated by tickling with a piece of tissue. Krypton difluoride is prepared by photolysis of fluorine in solid krypton at the temperature of liquid hydrogen and identified by its infra-red spectrum. (Chem Study Films) sh, c

CHEMISTRY

Respect for Property.

10 min, Color, 1952 . . . . $7.00

This film dramatically presents three concepts basic to building respect for the property of others. First, the owner's value of his property should be considered. Second, the fact that the law protects property should be understood. Third, even though public property has many owners, it must be respected by everyone. Faced with a forceful story in which three boys suffer deeply because of disrespect for property, the audience learns with them importance of proper respect. (Coronet) el, jh

LAW; GUIDANCE, PERSONAL; CITIZENSHIP

Respiration In Man.

25 min, Color, 1969. $10.00

A wide variety of techniques are used in this film to let students see as much as possible of the structure and functions of the respiratory system. (EBEC) sh, c

BIOLOGY; PHYSIOLOGY

Rest and Leisure in the U.S.S.R.

14 min, Color, 1963 . . . . $8.00

Presents an overview of leisure activities in the Soviet Union. Pictures families visiting the Moscow Park of Culture and Rest. Depicts skiing, skating, swimming, fishing, and various family recreational activities. Pictures an American couple on a visit to a young worker's resort. Russian language narration of intermediate difficulty. (IFB) sh, c

RUSSIA; RUSSIAN LANGUAGE

Restless Earth: Earthquakes.

26 min, Color, 1973 . . . . $13.00

Theories explaining causes of earthquakes and methods of "defusing" earthquakes are examined. Nearly all earthquakes occur at the boundaries of the plates making up the earth's outer shell. Scientists in the Middle East plot positions of previous earthquakes to determine the direction plates are moving. On the drilling ship, *Glomar Challenger*, others attempt to find the age of mud on the ocean floor in order to test a theory explaining the movement between the Pacific plate and the North America plate. The San Andreas fault–which could produce a major earthquake at any time, destroying San Francisco–could be "defused" at a cost of 500 million dollars. (NET) sh, c, a

EARTH; GEOLOGY

Restless Earth: Evidence from Ancient Life.

11 min, Color, 1973 . . . . $7.00

Relationships between the evolution of plant and animal life and the history of our changing earth are examined. Plant life on earth may date as far back as 3,400 million years, and some species of worms are known to be 600 million years old. Living things changed considerably when continents last came together into one large mass. Dinosaurs emerged at this time, but became extinct when this super-continent broke apart. It was during the last ice age that man emerged. (NET) sh, c, a

EARTH; GEOLOGY

Restless Earth: Geology and Man.

19 min, Color, 1973 . . . . $10.00

In the 4½ billion years' history of the earth, continents have fused and parted and dinosaurs have come and gone. Man, who is a recent addition to this history, is now producing carbon dioxide faster than the oceans can absorb it and, at the present rate of consumption, exhausting ores that have taken millions of years to accumulate. The oldest rocks in the world, 4,000 million years, are found in Greenland and help tell the history of earth. Life began to evolve more than one hundred million years ago, but the effect of man on future geological history is yet to be determined. (NET) sh, c, a

EARTH; GEOLOGY

Restless Earth: Plate Tectonics Theory.

58 min, Color, 1973 . . . . $20.00

Plate tectonics theory describes the outer covering of the earth as being made up of plates, about 40 miles thick, moving in different directions at a rate of one or two inches per year. This movement is caused by the earth's internal heat and because these plates are either separating or coming into contact with each other they are responsible for such phenomena as the formation of new oceans, earthquakes, and volcanoes. In this production, scientists explain plate theory through the use of models, examining scientific experiments, and visiting geological sites throughout the world. (NET) sh, c, a

EARTH; GEOLOGY

Revolving Door.

28 min, B&W, 1955 . . . . $6.50

Stresses the inadequacy of the current system of punishing the alcoholic in jail and compares it with the newer concept of the alcoholic as a sick person needing, entitled to, and often responsive to treatment. Live shots of Skid Row, the court, alcoholics describing the evolution of their own drinking problem, the problems of the wife of an alcoholic, an AA meeting, the medical treatment of a new admission to an alcoholic hospital, an alcometer test, and psychiatric interview, and a group therapy session are shown. About half of the presentation was filmed at the Commission on Alcoholism's Blue Hills Clinic in Hartford. (Smith Kline and French Laboratories; NBC) c, a

CRIME AND CRIMINALS; SOCIAL PROBLEMS; SOCIAL SERVICE

Rhythm in Music.

13 min, B&W, 1951 . . . . $3.50

During a grade school orchestra rehearsal, the children work through a progression in rhythmic forms. Beginning with steady, even beats, rhythm is varied through the use of accent, the changing of the speed of beats, and the use of melody. Fun, participation, and easy learning characterize this entertaining and informative motion picture. (Coronet) el, jh

MUSIC; MUSIC–STUDY AND TEACHING; MUSICAL INSTRUMENTS

Rhythm: Instruments and Movements.

10 min, B&W, 1950 . . . . $3.50

A demonstration of rhythm activities in the primary grades. Tells the story of a second-grade class which learns to make its own instruments and create its own rhythm after seeing the Indian dances of Chief Thundering Hill. Elizabeth Waterman herself is shown helping the children coordinate rhythmic sound with rhythmic movement. (EBF) el

MUSIC–STUDY AND TEACHING; MUSICAL INSTRUMENTS

Rhythmic Motions of Growing Plants.

11 min, Color, 1959 . . . . $7.00

This film shows the following motions of plants as seen through the time-compressing eye of the time-lapse camera: action of tendrils as they lash out and encircle a twig; the "turnbuckle" effect; sweeping motions of a morning glory plant; circumnutation being modified by gravity and by light; and the so-called "sleep motions" of leaves. (William M. Harlow) sh, c

BOTANY

Rhythms of Paris.

9 min, Color, 1971 . . . . $6.00

Captures the excitement of Paris and its people. Rush-hour jams and bustling cafe-lined streets contrast with serene parks and quiet of fishing along the Seine. (EBEC) jh, sh

FRANCE

Richard Hunt, Sculptor.

14 min, Color, 1970 . . . . $8.00

A study of sculptor, Richard Hunt, showing how he utilizes the resources of his urban environment to create fantastic structures in welded metals. (EBEC) jh, sh, c

ARTISTS; SCULPTURE

Ride Cowboy Ride–Part I.

30 min, Color, 1966 . . . . $3.50

Versatility and use of the Quarter Horse on the ranch and in the arena. Fast moving action with roping, cutting, bulldogging, racing and barrel racing all sharing the limelight. Many interesting scenes of the working cowboy on the ranch. (American Quarter Horse Assoc.) el, jh, sh, c, a

COWBOYS; ANIMALS, DOMESTIC

Ride Cowboy Ride–Part II.

28 min, Color, 1966 . . . . $3.50

Opens with a good presentation on the 4-H Horse Program. Of special interest to 4-H horse groups, trail riders and drill teams. "Westernaires" featured in their precision drills; spectacular scenery and events on the "Ranchers Conquistidores" and "Roundup Riders of the Rockies" annual trail rides; and competitive events on horseback all combine to be of interest to a varied audience. (American Quarter Horse Assoc.) el, jh, sh, c, a

COWBOYS; ANIMALS, DOMESTIC

Riding the Waves.

14 min, Color, 1969 . . . . $3.50

Presents an inviting picture of what Manitoba offers to summer vacationers. (Province of Manitoba; CTF) el, jh, sh, c, a

CANADA–DESCRIPTION AND TRAVEL; CANADA–INDUSTRIES; CANADA–SOCIAL LIFE AND CUSTOMS

Right of Privacy.
59 min, B&W, 1967 . . . . $10.00
A report on the governmental and business activities which pose a threat to individual privacy today and the possible elimination of all privacy should the proposed National Data Center be established. Pre-employment investigations, lie detector tests, credit checks, personality tests, and other activities are documented. Congressmen and other public officials speak out on the need to protect the citizens. The National Data Bank is discussed as a collection of statistics and as a potential threat to individual freedom. (NET) sh, c, a
FUTURE STUDIES; SOCIAL PROBLEMS

Right of Way.
14 min, Color, 1968 . . . . $8.00
This film attempts to provide the answer to the problem of highways in the city. Depicts separating cars from people by building tunnels under parks and through buildings. Shows rapid transit being employed more and more to share the problems of highways. (American Inst. of Architects) sh, c, a
TRANSPORTATION; ARCHITECTURE; CITY PLANNING

Rise and Fall of Nazi Germany.
17 min, B&W, 1960 . . . . $4.00
Beginning with the Saar plebiscite in 1935, the film shows how, in carrying out his evil doctrines, Hitler led the Third Reich to domination over 15 countries. With the final downfall of Germany the Allied Control Commission, representing the four occupying powers, was presented with innumerable problems which are still in the process of being solved. (McGraw-Hill) jh, sh, c
GERMANY; WORLD WAR: 1939-1945–CAUSES; EUROPE–HISTORY: 20TH CENTURY

Rise of a Dictator.
30 min, B&W, 1944 . . . . $6.50
This film, excerpted from Paramount's *The Hitler Gang* reproduces the characters and personalities of Hitler and his principal followers with fidelity, tracing the dictator's rise from an obscure corporal in the defeated German Army to absolute ruler of the Reich. Emphasis in the film is upon the methods Hitler used to split the populance into helpless minorities, defeating them one by one; his utilization of "the big lie;" intimidation through systematic terror; and control through Storm Troopers and the Hitler Jugend. Outstanding events in his career, such as the Munich "Putsch;" his incarceration in Landsberg Prison where he wrote "Mein Kampf;" and the Reichstag fire are vividly depicted. The excerpt provides an analytical case study of gangsterism in government as well as a penetrating insight into the historical development in Germany from 1919 to 1936. (TFC) sh, c
EUROPE–HISTORY: 20TH CENTURY; GERMANY

Rise of Labor.
30 min, Color, 1969 . . . . $13.00
The change from cheap, voiceless labor at the turn of the century to the power of labor unions today is sharply dramatized by such pivotal events as the Pullman strike, the Pennsylvania coal miners' strike, the continuing persecution of labor through the '20s to the depression-born Wagner Act and the beginning of the CIO. (EBEC) jh, sh
LABOR AND LABORING CLASSES; U.S.–HISTORY: 1898-

Rise of Nationalism in Southeast Asia.
16 min, B&W, 1965 . . . . $4.00
The new nations of Southeast Asia are of critical importance in world history. This film surveys the general conditions which give rise to nationalism in this area, and examines the problems confronting each of these nations on their road to maturity. (McGraw-Hill) sh, c, a
EAST INDIES; ASIA

Rise of Nations in Europe.
13 min, B&W, 1955 . . . . $3.50
Unnamed millions of people, famous figures of state, economic and political upheavals–all these are part of the human drama of the growth of nationalism. The pattern of national evolution is observed in France as representative of those European states which developed from feudal beginnings to highly centralized states of the seventeenth century. (Coronet) jh, sh, c
EUROPE–HISTORY: 476-1492; EUROPE–HISTORY: 1492-1789; FRANCE

Rise of the American City.
32 min, Color, 1970 . . . . $13.00
The surging growth of our great cities has transformed the face of the nation and now they themselves confront a host of problems: pollution, poverty, hunger, violence, and social change. Their roots reach back a hundred years, the result of great migration waves. But century-old institutions often seem inadequate to deal with human problems in an age of technology. (EBEC) jh, sh
SOCIOLOGY

Rise of the Roman Empire.
14 min, B&W, 1959 . . . . $4.00
The film traces the development of Rome from a group of early tribal communities to a mighty empire which embraced a large part of the Western world. It emphasizes those factors which made such a rise possible–Rome's concept of democracy and citizenship, its legal and administrative system, and its military strength. Authentic settings and realistic reenactments were photographed in Rome, Ostia, and in other locations which were part of this great empire. (Coronet) el, jh, sh
EUROPE–HISTORY: TO 476; ITALY; HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Rival World.
25 min, Color, 1957 . . . . $3.50
This award-winning motion picture tells of the never-ending world-wide struggle for survival between man and disease-bearing crop-destroying enemy insects. The film story includes scenes of locust invasions in Africa, man's counter-attack from the air, and visualizes the role of scientists who through research are devising methods of insect control. (Shell) jh, sh, c, a
BIOLOGY; INSECTS AND SPIDERS

River.
31 min, B&W, 1937 . . . . $6.50
The story of the Mississippi from Minnesota to New Orelans unfolds against an unusual commentary and musical background. The movie shows what it has done, and what man has done to it. A persuasive indictment of our practices of the past, and what we should do in the future if we are to avoid soil and lumber losses and the disastrous effects of floods. (USDA) el, jh, sh, c, a
AGRICULTURE–ECONOMIC ASPECTS; RIVERS; SOIL CONSERVATION

River: Allegory.
11 min, Color, 1968 . . . . $7.00
Traces the quickening life of a great river and its eventual absorption into the sea. (W. Harlow; IFB) sh
RIVERS

River Run.
15 min, Color, 1951 . . . . $3.50
Shows the values of proper management of privately-owned forests. Particularly emphasized is the continued productivity of the forests of the Machias River watershed in Maine, culminating each year in a log drive down the Machias River. (USDA) el, jh, sh, c, a
FORESTS AND FORESTRY; CONSERVATION

River Valley.
11 min, Color, 1965 . . . . $7.00
Tells the story of a river that begins high in the western mountains, flows down steep, rocky slopes to a gently rolling valley, and on to the sea. Explains how a river valley is formed; how all parts of the valley are interrelated; and how people depend on the river for many of the things they need–water, food, minerals, power, transportation. (EBF) el
RIVERS; ECOLOGY

Road to Santiago: France.
30 min, Color, 1968 . . . . $13.00
Explores four roads through France which converge just over the Spanish border at Puente la Reina. (PILGRIM FILM SERVICES; IFB) sh, cc, a
FRANCE

Road to Santiago: Spain.
21 min, Color, 1968 . . . . $10.00
Taking up the route at Puente la Reina, this filmed document of the forty-day journey through Spain to Santiago includes studies of Mozarabic and Romanesque art and architecture which reflect the history and customs of Medieval times. (PILGRIM FILM SERVICES; IFB) sh, c, a
SPAIN

Robert Browning–His Life and Poetry.
21 min, Color, 1971 . . . . $10.00
Surveys the biography and works of the Victorian poet. The film shows the things from which Browning drew his inspiration and uses paintings, early photographs, and scenes of unchanged parts of London and Italy to illustrate the events of his life. Selections of Browning's poetry are read by costumed actors, emphasizing the drama and psychological insight of his work. (IFB) sh, c
POETRY

Robert E. Lee: Background Study.
15 min, B&W, 1953 . . . . $4.00
Lee is studied first as a Virginian, a devout Christian who was forced to decide between his home and the Union he loved; then, as a brilliant strategist and beloved commander who stood for "cause, country and all"–a man whose integrity of principle, even in defeat, set an example for the New South and for future generations of all the nation. (Coronet) jh, sh, c
U.S.–HISTORY: CIVIL WAR; BIOGRAPHY

Robert McCloskey.
18 min, Color, 1965 . . . . $10.00
Robert McCloskey, who draws picture books, tells how he works, showing not only his craftsmanship, but also how he gets his inspiration. (Weston Woods) el, jh, sh, c, a
ARTISTS

Roberta Flack.
30 min, Color, 1971 . . . . $13.00
A portrait of Roberta Flack, a creative, exciting, black singer and pianist. She is shown appearing at the Newport Jazz Festival, singing "Ain't No Mountain High Enough," at Mr. Henry's in Washington, D.C. and discussing the problems of a mixed marriage and dual careers with her husband, bassist Steve Novosel. As Roberta Flack sings from her repertoire of pop, blues, jazz, spirituals, rock and folk, she exemplifies her own definition of soul–"a very personal thing that shows in a person's ability–black or white–to arouse the innermost emotions of another person." (NET) sh, c, a
JAZZ MUSIC; MUSICIANS

Robin.
10 min, Color, 1948 . . . . $7.00
An instructive and amusing story of the life of our commonest thrush presented in authentic color and song. (Heidenkamp) el, jh, sh, c, a
BIRDS; SEASONS

Robin Redbreast.
11 min, Color, 1959 . . . . $7.00
Tells the story of a robin family. The development of the young in the nest is depicted from hatching to maturity. A wandering cat is chased away by the parent birds. The calls and the notes of the birds are reproduced. (EBF) el, jh
BIRDS; SEASONS

Rock in the Road.
6 min, Color, 1968 . . . . $6.00
Through animation (no narration) presents a story about a man tripping over a rock and plunging into a hole. Furious, the man replaces the rock, hides, and awaits for the next man to trip and fall into the hole. This is repeated several times until the fourth man removes the rock, fills in the hole, and departs happily. (Beaux Arts; Bailey Film Associates) el, jh
STORIES

Rock Ptarmimigan.
28 min, Color, 1970 . . . . $13.00
This game bird adapted to the climate of Iceland is studied from season to season, as changes occur in feeding, protective coloring, and location on the island. Special attention is given to breeding and the opportunity it provides to examine the behavior concerned with establishment and defense of territory. (OSVALDUR-KNUDSEN; IFB) el, jh
BIOLOGY; BIRDS

Rockets: How They Work.
17 min, B&W, 1958 . . . . $4.00
17 min, Color, 1958 . . . . $8.00
Shows how a multiple stage rocket works and demonstrates the functioning of a rocket guidance system. (EBF) el, jh
PHYSICS; SCIENCE, GENERAL; SPACE FLIGHT

Rocks That Form on the Earth's Surface.
16 min, Color, 1965 . . . . $8.00
This film investigates the processes which produce sedimentary rocks, with emphasis on sandstone and shale as examples of clastic rocks. The sediment is first traced to its upstream source and then downstream to its site of accumulation. Sedimentary layers are examined by using underwater photography, emptying a water reservoir, and using laboratory models. Compaction and cementation, two essentials for making loose sediment into hard rock, are examined separately–first in nature and then in the laboratory. The origin of limestone and coal are explained. The film ends with questions about the origins of certain types of sedimentary rocks. These questions can be investigated by the student, using concepts described earlier in the film. (EBF) jh, sh, c
GEOLOGY; MINES AND MINERAL RESOURCES; EARTH

Rocks That Originate Underground.
23 min, Color, 1965 . . . . $10.00
Since igneous and metamorphic rocks are not produced by surface processes, the film suggests they must be formed within the earth's crust. (EBEC) jh, sh
GEOLOGY

Rocky Mountain Area, Backbone of the Nation.
16 min, Color, 1965 . . . . $8.00
The Rocky Mountains are important to the people of the entire United States, but especially to those who live in the Intermountain and Pacific Coast areas. For many of these people the Rockies are the principal source of water for domestic and industrial use. The Rocky Mountains also provide pasture land for sheep and cattle during the summer months and are covered with thick forests, a source of lumber and other wood products. The mountains and drylands to the west are a rich storehouse of minerals, and their scenic beauty attracts millions of visitors annually. The Intermountain Region, lying between the Rocky Mountains on the east and the Sierra Nevadas and Cascade Range on the west, consists of great plateaus cut by deep canyons, low mountain ranges, and mile after mile of dry, barren open land. The film vividly portrays these facts for the student. Also featured in this film are spectacular views of Bryce Canyon, The Grand Canyon, Old Faithful, the mineral springs. The film concludes by taking the student on a visit to Denver and Salt Lake City. (McGraw-Hill) el, jh, sh
U.S.–REGIONS; GEOGRAPHY

Roger Williams.
28 min, B&W, 1956 . . . . $6.50
This film dramatizes one of the important events in early American history–the conflict which led to the founding of Rhode Island. (EBF) jh, sh, c
U.S.–HISTORY: COLONIAL PERIOD; BIOGRAPHY

Rolling Rice Ball (A Japanese Fairy Tale).
11 min, B&W, 1967 . . . . $3.50
In charming animation, the film tells the story of the Japanese woodcutter who drops his luncheon balls in a mouse hole, then follows them down. The delighted mice show their appreciation by presenting him with costly presents to take home to his wife. A greedy hunter learns of the mice's treasure and seeks it for himself. However, he frightens the mice, gets no treasure, and learns the folly of greed.
STORIES

Roman Wall.
11 min, B&W, 1956 . . . . $3.50
Today, nearly 1600 years after the last Roman soldier left it, much of Hadrian's great wall in England remains. An examination of this 73-mile long structure, with its forts, milecastles, turrets, barracks, and storehouses, reveals much that was characteristic of both the strength and weakness of the Roman Empire. Dioramas, drawings, and animation are used for clarification. (Coronet) jh, sh, c
ENGLAND; EUROPE–HISTORY: TO 476; HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Roman World.
23 min, Color, 1963 . . . . $10.00
Depicts the power of ancient Rome, shows the areas of the world united under Rome, and pictures outstanding ruins which remain today. (IFB) jh, sh, c
HISTORY–ANCIENT (4000 B.C.–A.D. 476)

Romance of Transportation.
11 min, Color, 1952 . . . . $7.00
While commentator gives a historical narrative, animated figures act, with humorous effect, stages in the development of transportation in Canada, from the first foot paths, canoe, barge and steamboat, oxcart, railway and automobile to the aircraft. (NFBC; IFB) c
CANADA; TRANSPORTATION

Romantische Stadte.
13 min, Color, 1961 . . . . $7.00
Shows such well-known features of the romantic German cities of Munich, Dinkelsbuhl, and Rothenburg as richly ornamented buildings, statuary, famous galleries, gardens, cafes, interesting townfolk, and a fortified gate, tower, and castle. (IFB) sh, c
GERMAN LANGUAGE FILMS

Rome–City Eternal.
10 min, Color, 1951 . . . . $7.00
Portrays in brilliant Technicolor photography the dramatic glories of Rome: the Colosseum; St. Peter's Square; the art treasures of the Basilica of St. Peter; the lavish fountains of the Villa D'Este and the Piazza Navona; the ruins of the Forum and

Hadrian's villa; and lastly, the pageantry of the city as seen by the light of a traditional fireworks display. (EBF) el, jh, sh, c, a
ART; ITALY; ARCHITECTURE

Room To Live In.
28 min, Color, 1966 . . . . $3.50
Shows the misuse of and pollution of land resources and offers suggestions for stopping this waste and abuse. (University of Connecticut) jh, sh, c, a
ECOLOGY; POLLUTION

Roots of Happiness.
25 min, B&W, 1953 . . . . $5.00
Uses Puerto Rican families to show the needs and desires of small children as they grow to maturity. (MHFB; IFB) c, a
CHILD STUDY; CHILDREN–CARE AND HYGIENE; FAMILY

Roots of Plants (2nd Edition).
11 min, B&W, 1957 . . . . $3.50
11 min, Color, 1957 . . . . $7.00
Describes tap, fascicled, and fibrous roots, and explains how they not only hold the plant in place, but also absorb food elements from the soil. Time-lapse photography, cinemicrography, animated drawings, and laboratory experiments demonstrate root growth, sensitivity, wearing away of cells, and osmosis. Reveals how biennials store excess starch in their roots for use as food the second year. (EBF) el, jh, sh, c, a
BOTANY–ANATOMY; PLANTS; BOTANY–PHYSIOLOGY

Rosie's Walk.
5 min, Color, 1972 . . . . $6.00
What Rosie doesn't know and the graphic illustrations reveal is that a fox stalks close behind the proud little hen. To the tune of "Turkey in the Straw," Rosie struts across the barnyard, keeping her country cool and unwittingly leading the fox into one disaster after another. (Weston Woods) el
CHILDREN'S FILMS

Rotterdam-Europort: Gateway to Europe.
19 min, Color, 1971 . . . . $10.00
Rotterdam, after destructive World War II bombing, applied modern technology to build the world's largest and busiest seaport. Shows in detail how Rotterdam-Europort has added to the economic strength of the Netherlands, Europe and the world. (EBEC) jh, sh
ECONOMICS; SHIPPING

Routine Stops.
15 min, Color, 1964 . . . . $8.00
A C.H.P. training film emphasizing that there is no such thing as a "Routine Stop." Basic points that will provide maximum safety for law enforcement officers dealing with traffic violators–a series of dramatic vignettes. (AIMS) c, a
SAFETY EDUCATION

Royal Province.
21 min, Color, 1967 . . . . $3.50
This film browses through many chapters of Nova Scotia's history. (NFBC; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL; CANADA–INDUSTRIES; CANADA–SOCIAL LIFE AND CUSTOMS

Rumen Story.
27 min, Color, 1962 . . . . $3.50
This film explains the role of ruminant scientists in studying feeding problems, and shows how this important research is being carried out. The film story shows actual motion picture photography inside a rumen stomach, the comparison of simple stomach and ruminant stomach digestive systems, the use of radio-active chemicals, live bacteria in rumen contents, the use of artificial rumen for laboratory work, and a discussion of nutrients and their sources for cattle. (Ralston Purina Co.) c, a
AGRICULTURE; ANIMALS, DOMESTIC; FARM LIFE

Run!
16 min, B&W, 1967 . . . . $4.00
An allegorical suggestion of the destructive tendencies in high-pressure modern society and self-centered modern man. Panicked and unthinking, a harried man runs blindly through life, pausing for sustenance and tranquilizers, until he falls into a grave he has dug, and buries himself. (Jack Kupen; CCM) sh, c, a
ALLEGORY; SOCIAL PROBLEMS

Russia.
25 min, Color, 1958 . . . . $10.00
An examination of Russia and the impact of the Soviet system on various phases of Russian life. After a brief historical background, the film explores the conditions and problems of religion, farming, labor and industry, housing and consumer goods, education, science and politics in Soviet Russia today. The results of government control of life and the ultimate goals and methods of the Soviets are discussed, as is the imposition of rigid system on the mass of the Russian people. Particular emphasis is placed on Soviet science and education and the preparation of individuals for a particular place in the machinery of a controlled society. (IFB) sh, c, a
RUSSIA; COMMUNISM

Russia in Europe.
19 min, Color, 1961 . . . . $10.00
Study of that part of Russia, lying west of the Urals, which is a continuation of the north European plain. (IFB) sh, c, a
RUSSIA

Russia–Kremlin's Problem.
25 min, B&W, 1953 . . . . $5.00
A report on the Russian Authoritarian Regime of 1953. (McGraw-Hill) c, a
COMMUNISM; RUSSIA

Rythmetic.
9 min, Color, 1965 . . . . $6.00
Artists Norman McLaren and Evelyn Lambart animate the subject of arithmetic with humor. (NFBC; IFB) jh, sh
MATHEMATICS–STUDY AND TEACHING

S

Safe Bicycling.
13 min, Color, 1959 . . . . $7.00
Discusses safe bicycle-riding practices and demonstrates that care, courtesy, and common sense practiced in bike-riding days will lead to proficiency and good safety habits in driving an automobile later on. (CRAWLEY FILMS; IFB) el, jh
SAFETY EDUCATION

Safe Use of Pesticides.
21 min, Color, 1963 . . . . $3.50
This film cautions farmers to use pesticides safely and thus avoid loss due to possible seizure of their crops by government inspectors. Film scenes include emphasis on wise use of pesticides as a public responsibility, explanation of the role of pesticides in the struggle for survival, explanation of balance in nature, and the right and wrong procedures for pesticides. (USDA) sh, c, a
AGRICULTURE; ECOLOGY

Safest Place.
13 min, Color, 1963 . . . . $3.50
Points out that farmers may decrease the possible danger from radioactive fallout resulting from nuclear attack. Describes relatively simple and inexpensive shelters which will give some protection for families and livestock. (USDA) c, a
ATOMIC BOMB; RADIATION

Safety Adventures Out of Doors.
11 min, Color, 1959 . . . . $7.00
The film demonstrates good safety practices in swimming, boating, camping and hiking, building a fire, and using playground equipment. (EBEC) el
SAFETY EDUCATION

Safety: Helpful Burglars.
11 min, Color, 1971 . . . . $7.00
This humorous approach to safety points out an important lesson – household hazards are a threat to everyone. (EBEC) el
SAFETY EDUCATION

Safety–Home-Safe-Home.
14 min, Color, 1972 . . . . $8.00
Stresses accident prevention in the home. Major areas covered include: fire, electricity, poisons, slips and falls, cuts and bruises. (AIMS) el, jh
SAFETY EDUCATION

Safety in the Home (3rd Edition).
12 min, Color, 1965 . . . . $7.00
Winner of the safety-award plaque from the National Committee of Films for Safety of the National Safety Council, this film demonstrates, through a series of brief incidents, the importance of making common-sense "decisions of safety" to prevent household mishaps. (EBEC) el
SAFETY EDUCATION

Safety On Our School Bus.
11 min, Color, 1951 . . . . $7.00
For all students who ride school buses, this film clearly explains and illustrates important safety practices. (EBEC) el
SAFETY EDUCATION

Safety On The Playground (2nd Edition).
12 min, Color, 1966 . . . . $7.00
Designed to encourage students to talk about their own playground. Children in this experience-based film make and avoid the errors from which accidents stem. (EBEC) el
SAFETY EDUCATION

Safety on the Street.
11 min, Color, 1965 . . . . $7.00
The responsibility for safety is placed on the children themselves–why they must be alert and why safety is their own decision. Without preaching, the film's purpose is to help overcome the feeling that safety is for sissies and that "rules are not for me." Real-life situations make this film equally valuable for discussion classes on driver training. (EBEC) el, jh, sh, c
SAFETY EDUCATION

Safety on the Way to School.
10 min, B&W, 1952 . . . . $3.50
This film revolves around ways of going to and from school safely. It reveals the safe way of riding on the bus or in a car, the skills needed to walk safely to school, and also aids in the selection of the safest route to school. (Coronet) el
SAFETY EDUCATION

Safety: Playground Spirits.
8 min, Color, 1971 . . . . $6.00
Three "spirits" teach children the rules of playground safety in this delightful fantasy film. (EBEC) el
SAFETY EDUCATION

Safety Rules for School.
10 min, Color, 1966 . . . . $7.00
Examines guidelines for minimizing student accidents on school buses, in hallways, on stairways, at water fountains, and in the classroom. (AIMS) el
SAFETY EDUCATION

Safety: Total Loss Control.
10 min, Color, 1973 . . . . $7.00
This film stresses the point that industry must direct its accident-prevention efforts toward all incidents which can eventually lead to injury of employees. (IFB) a
SAFETY EDUCATION

Safety: Traffic Jungle.
7 min, Color, 1971 . . . . $6.00
Teaches children how to avoid injury in the urban "traffic jungle" by learning and observing traffic safety rules. (EBEC) el
SAFETY EDUCATION

Safety with Electricity.
10 min, Color, 1963 . . . . $7.00
Simple experiments and demonstrations show the nature and sources of electricity and illustrate desirable practices with electrical equipment and appliances. (EBEC) el
SAFETY EDUCATION

Saga of the Erie Canal.
11 min, B&W, 1966 . . . . $3.50
The construction of a 365 mile waterway linking Lake Erie with the Hudson River and the Atlantic Ocean was one of the first great engineering feats of our newly formed nation. We relive this exciting period when the great locks were built and songs were sung commemorating these stirring events. (American Foundation, Inc.; Coronet) el, jh, sh, c
TRANSPORTATION; U.S.–HISTORY

Saga of Western Man: 1492 – Part I.
14 min, Color, 1963 . . . . $8.00
Part I focuses on the Renaissance as it flowered in Florence. Some of the great art treasures of all times are seen–illustrating the freeing of man's spirit in a new age. The inquiring mind of Leonardo Da Vinci is illustrated through his self-portrait, with accompanying excerpts from his writings on art, the architecture of living things and the probability of man flying like a bird. (McGraw-Hill) sh, c, a
EUROPE–HISTORY: 476-1492; ART

Saga of Western Man: 1492 – Part II.
40 min, Color, 1963 . . . . $16.00
Part II begins by retracing the path of Columbus–first through Spain then during the long anxious days across the Atlantic–and ends by recapturing the sweep and adventure of the trip that opened up a new world. (McGraw-Hill) sh, c, a
EUROPE–HISTORY: 1492-1789; AMERICA–DISCOVERY AND EXPLORATION

St. Lawrence Seaway.
16 min, B&W, 1960 . . . . $4.00
The effects of the St. Lawrence Seaway are felt across wide areas of the North American continent. The new canals, locks, and dams of the seaway have affected world trade, opened new markets, and created new economic opportunities for many people of the United States, Canada, and the rest of the world. This film shows what the seaway is, what it looks like, how it was built, how it works, and indicates some of the many changes it has brought about in the world. (EBF) el, jh, sh, c
CANADA–INDUSTRIES; U.S.–INDUSTRIES; INTERNATIONAL COOPERATION

Salmon Story.
11 min, Color, 1950 . . . . $7.00
Portrays the life cycle of the salmon and calls attention to the steps that are taken to assure a continuing supply of this important food fish. (EBEC) jh
BIOLOGY; REPRODUCTION, ANIMALS

Sampan Family.
16 min, B&W, 1949 . . . . $4.00
In Sampan Family we watch the daily fishing that earns the family's livelihood, life aboard the small boat, the ways the family, from babies to old folks, work together as a team. Details of everyday events from sunup to sunset give a fresh and valuable understanding of Oriental life. Photographed just prior to Communist seizure of China. The setting for the film is the Min River, Fukien Province. (Julien Bryan; McGraw-Hill) el, jh, sh, c
CHINA

Santa Barbara – Everybody's Mistake.
30 min, Color, 1970 . . . . $13.00
"Santa Barbara–Everybody's Mistake" examines controversies behind the two-million-gallon California off-shore oil leak in 1969. Because leases were granted without requiring adequate regulations, and geologists miscalculated the stability of the ocean floor, responsibility for this tragedy cannot be placed entirely upon the oil industry. Oil creates smog and smog endangers life and is even killing pine trees six thousand feet above sea level. This film asks why a society places such a high need on oil that it willingly endangers its own life. Scenes show many species of wildlife in their natural environment and the cleaning of birds following the oil spill. (NET) sh, c, a
ECOLOGY; POLLUTION

Santa Fe and the Trail.
20 min, Color, 1964 . . . . $10.00
Presents a vivid picture of life in the Spanish settlements of the Old Southwest–and follows the lives of traders and frontiersmen who prepared the way for America's westward expansion. In portraying the way of life of the people of Santa Fe, the film illustrates differences and similarities between Spanish and American cultures, which now have blended over the years to give the Southwest its unique character. (EBF) el, jh
U.S.–HISTORY: COLONIAL PERIOD; U.S.–REGIONS; U.S.–TERRITORIAL EXPANSION

Santa Monica Project.
28 min, Color, 1973 . . . . $13.00
Describes hierarchy of educational goals, means of promoting attention and response. Emphasizes routine, learning to understand environment, mastering academic skills, and utilizing commercially available materials. (AIMS) c
EDUCATION–METHODS

Santiago's Ark.
47 min, Color, 1973 . . . . $16.00
Tells the story of a boy in Spanish Harlem who dreams of building a sailing ship. After he slowly constructs the ship on his apartment building's rooftop from rubbish found in the streets, a mocking gang destroys it. Neighbors silently help Santiago re-build his boat and launch it. (Award winner.) (A.C.W. Productions; Carousel) el, jh, sh, c, a
GUIDANCE, PERSONAL; HUMAN RELATIONS; SOCIAL PROBLEMS

Save More Lambs.
8 min, B&W, 1951 . . . . $3.00
This film deals with the problem of cutting down the mortality of lambs at birth. Proper conditioning through feeding and separation during pregnancy, corrective measures for abnormal positions of lambs, proper docking and the operation of the

elastrator are included in the film story. (USDA) sh, c, a
REPRODUCTION, ANIMALS

Save Those Teeth.
10 min, B&W, 1950 . . . . $3.50
Emphasizes the importance of proper cleansing in the care of teeth, and illustrates how the teeth are affected by excessive use of refined sugar. Identifies the kind of bacteria that change sugar to acid in the mouth. Demonstrates the use of sodium fluoride solution in the prevention of tooth decay and prescribes specific rules to be followed in the care of teeth. (EBF) el
TEETH; HYGIENE

Say What You Mean.
20 min, B&W, 1959 . . . . $5.00
This film takes up language as the principal instrument of communication by speech. Dramatizing events in the life of a student and other members of a college speech class, the film shows how to choose language that clearly states an idea, is appropriate for the listener and is interesting and forceful. The film advises: "Be your own listener–to be sure that you say what you mean." (McGraw-Hill) sh, c, a
COMMUNICATION; SPEECH

Scandinavia–Norway, Sweden, Denmark.
22 min, B&W, 1962 . . . . $5.00
22 min, Color, 1962 . . . . $10.00
Portrays the Scandinavian countries as an important region of northern Europe. Shows ways in which the physical geography of the region influences the economic activities of the people. Illustrates typical features of the daily lives of three representative Scandinavians: A Norwegian ship's officer, a Danish farmer, and a Swedish shipyard worker. (EBF) el, jh, sh
DENMARK; NORWAY; SWEDEN

Scene: Higher Learning Gets Involved.
30 min, Color, 1968 . . . . $3.50
Documents the University of Connecticut's involvement in the problems of minority groups and the inner city. Shows on-campus programs involving the Afro-American Student Organization, classes on Black History, and CONNPEP. Also shows unique off-campus programs in the inner city involving adult education and teacher training. (Hartford Ins. Group) sh, c, a
AFRO-AMERICANS; EDUCATION–STUDY AND TEACHING; SOCIOLOGY

Schizophrenia: The Shattered Mirror.
60 min, B&W, 1966 . . . . $10.00
Presents elements from the experiences of persons who are afflicted with schizophrenia in order to evoke understanding in the viewer rather than the aversion which is unfortunately too common, and reviews the research which is being conducted toward developing a better knowledge of the disease. Rene, a schizophrenic who is well enough to live outside an institution, is shown in her ballet class, working as a cashier, and in her small room as she describes the feelings and effects of schizophrenia. (NET) c, a
PSYCHOLOGY

School Is For Children.
17 min, Color, 1973 . . . . $8.00
Investigates special education for exceptional pre-school children. The children in this film share and interact with one another in specially designed group activities where the child can easily succeed. Carefully selected activities develop an exuberance for learning, gross and fine motor skills, self-concepts and social interaction. (AIMS) c, a
EDUCATION, SPECIAL

Schubert and His Music.
13 min, B&W, 1954 . . . . $3.50
Moving along the streets and countryside of Vienna, pausing at Schubert's birthplace and at the music school where he studied, the film recaptures the tempo of early nineteenth-century Vienna which was so integral a part of Schubert's music. Out of this blending of melodious music and Viennese settings comes a greater understanding of Schubert, the mode of expression known as "romanticism," and the part it played in his music. (Coronet) el, jh, sh, c, a
BIOGRAPHY; COMPOSERS; MUSIC

Science in the Orchestra: Exploring the Instruments.
12 min, B&W, 1951 . . . . $3.50
How notes of different pitch are produced by changing the length of a vibrating string or column of air; the variety of notes obtainable on the brass instruments by altering the shape of the player's lips; the range of pitch of the various instruments in a full symphony orchestra, demonstrated to the eye by diagrams and aurally by the players. (BIS) jh, sh, c, a
MUSICAL INSTRUMENTS; SOUND

Science in the Orchestra: Hearing the Orchestra.
13 min, B&W, 1951 . . . . $3.50
The nature of sound and its transmission through the air; the structure and mechanism of the human ear. The film visualizes the vibrations of sound and demonstrates what happens to sound in a vacuum. (BIS) jh, sh, c, a
SOUND

Science in the Orchestra: Looking at Sound.
10 min, B&W, 1951 . . . . $3.50
An introduction to harmonics, with visual demonstration on the audio-spectrometer of the different harmonic components of notes made by different instruments. Finally an oboe is made to sound like a flute when its harmonics are changed in a filter network. (BIS) jh, sh, c, a
MUSICAL INSTRUMENTS; SOUND

Science of Life: Ascent of Man.
20 min, Color, 1970 . . . . $10.00
Traces both the biological and the cultural evolution of man. The process is seen as a logical progression until the fairly late arrival of man who, through his intellectual ability to extend his faculties with weapons and tools, begins to upset the natural order. The question becomes whether man will use his abilities to control his own evolution entirely. (Erik Cripps; MLA) jh, sh, c
ECOLOGY; EVOLUTION

Science of Life: Energy in Life.
20 min, Color, 1970 . . . . $10.00
Concentrates on the basic physical laws of energy conversion from one species to another and emphasizes the interdependence of nature. When man begins to control energy, he begins to determine the nature of his society. He has the choice between creating fuel or food, two basic needs that can come into conflict with one another. Contrast is provided by showing how less industrial countries face the food-fuel relationship without the ravages of industrial destruction. (Erik Cripps; MLA) jh, sh, c
ECOLOGY; FOOD SUPPLY; FUELS

Science of Life: Man's Impact on the Environment.
20 min, Color, 1970 . . . . $10.00
Shows the interdependence of nature and how man's control over his environment, becoming more absolute daily, creates its own problems. Man decides what species are bad, which are good. Sooner or later, he is confronted with how far he can go in this intervention without destroying the environment entirely. (Erik Cripps; MLA) jh, sh, c
ECOLOGY

Science of the Sea.
19 min, Color, 1958 . . . . $10.00
Describes the relationship of the ocean to man's life, food, and weather. Uses animation and live-action photography to describe the work of the oceanographer in his analysis of the effects of the ocean, the oceanic currents, and temperature variations; the character of the ocean floor; and the raw materials in the seawater and below the ocean floor. Indicates the importance of understanding the oceans if man is to be able to control his environment. Microcinematography of diatomic life and animation are used to illustrate the food chain. Briefly cites careers related to oceanography. (IFB) sh, c, a
MARINE BIOLOGY; OCEANS

Science, Technology and Art in the U.S.S.R.
13 min, Color, 1963 . . . . $7.00
Describes the various programs underway in the U.S.S.R. to provide widespread educational and cultural programs for the people. (IFB) sh, c
RUSSIA

Scientific Method.
12 min, B&W, 1954 . . . . $3.50
12 min, Color, 1954 . . . . $7.00
Explains the elements of the scientific method, demonstrates the way this method of problem solving is applied by scientists, and discusses the value of scientific thinking in dealing with problems of everyday life. The film features one of the most dramatic stories of modern science–the discovery of penicillin by Sir Alexander Fleming. It draws, likewise, on the work of Louis Pasteur in illustration of the contributions of scientific thinking to modern knowledge. (EBF) jh, sh
SCIENCE, GENERAL; SCIENTIFIC METHOD

Scientific Method in Action.
19 min, Color, 1960 . . . . $10.00
Illustrates the six steps in the scientific method, using as examples Galileo's experiment with falling bodies and a detailed treatment of the research by Dr. Jonas Salk in his search for a

polio vaccine. (IFB) jh, sh
SCIENTIFIC METHOD

Scotland: Background of Literature.
10 min, Color, 1962 . . . . $7.00
The battleground of the Borderlands, the storied lowlands and the scenic Highlands of Scotland have given us a wealth of literature and history. These regions are backgrounds for immortal works of Burns, Scott, Carlyle, Stevenson and others. Students will gain a deep new feeling for our Scottish literary heritage as they watch this film which associates the familiar stories and poems they read with the sights and scenes which inspired so many famous writers. (Coronet) jh, sh, c
ENGLISH LITERATURE; SCOTLAND

Scottish Symphony.
30 min, Color, 1972 . . . . $13.00
Retraces Mendelssohn's journey through Scotland in 1829 which inspired the melancholy, beautiful "Scottish Symphony." The symphony is played as we see the sights which inspired it. (Benchmark Films) el, jh, sh, c, a
COMPOSERS; MUSIC; SYMPHONY

Sculpture.
17 min, B&W, 1969 . . . . $4.00
Comparisons are made between the sculpted forms of ancient civilizations and the emerging shapes of today in this basic introduction to the materials and techniques used in sculpture. (BELGIAN MINISTRY OF NATIONAL EDUCATION & CULTURE; IFB) jh, sh, c
ART; SCULPTURE

Sculpture at the Middelheim.
11 min, Color, 1969 . . . . $7.00
Presents the works of outstanding twentieth-century sculptors on display at the Middelheim Park in Antwerp, Belgium. (Belgian Ministry of National Education & Culture; IFB) sh, c
ART; SCULPTURE

Sculpture Today.
19 min, B&W, 1967 . . . . $5.00
Demonstrates the many styles modern sculpture has taken with emphasis on the expressive potential of the sculptor's material. (Belgian Ministry of National Education & Culture; IFB) jh, sh, c
ART; SCULPTURE

Sea.
26 min, Color, 1963 . . . . $13.00
Illustrates the interrelationships between living things in the sea, their dependence on each other and on the conditions of the marine environment. Shows the diversity of free-swimming animals and illustrates basic concepts of marine ecology. (EBF) sh, c
ECOLOGY; MARINE BIOLOGY

Sea Gulls.
10 min, Color, 1968 . . . . $7.00
Illustrates the scientific technique of careful observation in a creative, aesthetic manner by telling the story of a seven-year-old boy's observation of the sea gulls while on a picnic at the beach with his parents. (AIMS) el, jh
CHILDREN'S FILMS; SCIENTIFIC METHOD

Sea Shores Compared.
23 min, Color, 1973 . . . . $10.00
Different kinds of shores in a relatively small geographical area harbor different sorts of animals and plants. Examined in this film is a 10-mile stretch of coast about sixty miles north of Auckland, New Zealand. (IFB) sh, c
MARINE BIOLOGY

Sea Surface Meteorology.
24 min, B&W, 1967 . . . . $5.00
This film is concerned with the role played by the oceans in the formation of rain and in particular with the transfer of large condensation nuclei and electrical charges from the sea surface to the atmosphere. A related series of laboratory experiments clearly illustrates that the evaporation of jet drops produced by air bubbles bursting at the sea surface can produce sea salt condensation nuclei and that these same jet drops carry positive electrical charges into the atmosphere. High speed and close-up photography are employed to illustrate these phenomena. Natural photography of an erupting volcano at the sea surface is employed as an illustration of the possible consequences of nuclei and charge transfer processes. (American Meteorological Society; MLA) sh, c
SCIENTIFIC METHOD; WEATHER

Sea Water and the Sea Floor.
17 min, Color, 1970 . . . . $8.00
We couldn't live without the sea. This film shows why. It takes us along the Mississippi to show us how rivers carry rock materials from land to sea. Viewers learn what the principal materials are, the variations in sea-water saltiness, and how gases in the atmosphere vary with depth. The film shows variation in temperature from the Equator to the poles, and the topography of the sea floor. (Wiley) sh, c
OCEANS; SCIENCE, GENERAL

Seaport.
15 min, B&W, 1962 . . . . $4.00
The complex structure of a large modern seaport is illustrated in this film. It shows how goods are handled by means of conveyor systems, pumps, electromagnets and other means and how they are distributed throughout the land. The functions of various people, including ordinary seamen, longshoremen, Customs officers, and truck drivers, are explained. (EBF) el, jh
SHIPPING

Search for Ulysses.
53 min, Color, 1966 . . . . $19.00
Traces the mythical journey of Ulysses in Homer's Odyssey on existing islands today. British scholar and sailor, Ernie Bradford, leads the viewer to the land of the lotus eaters, Sirens' rocks, the Cyclop's cave, Charybdis and the islands of Circe and Calypso. (Award Winner) (CBS; Carousel) jh, sh, c, a
LITERATURE; MYTHOLOGY

Search for Zest.
25 min, B&W, 1963 . . . . $5.00
A man's subconscious associations with his past are destroying his family life and job. (Okla. State Dept. of Health; IFB) c, a
MENTAL HEALTH

Searching Eye.
18 min, Color, 1964 . . . . $10.00
Views the world under the sea, the world of past geological formations, the inner world of microscopic creatures, the process of growth and fruition, the work of outer space and the world of imagination. (Multi-award winner.) (Saul Bass; Pyramid Films) jh, sh, c, a
ART; MOTION PICTURES – EXPERIMENTAL

Seashore Life.
11 min, Color, 1950 . . . . $7.00
Provides an experience in ecology through portrayal of life on three kinds of seashores–the sandy beach, the rock pool, and the mud flat. Shows ways in which representative seashore animals are adapted to survive in their special environments and how they feed, move, and compete with other kinds of animal life. (EBF) el, jh, sh, c
ADAPTATION (BIOLOGY); MARINE BIOLOGY

Seasons.
10 min, B&W, 1951 . . . . $3.50
Explains the movements of the earth in relation to the sun and the resultant cause of seasons. Principles included are: the earth's revolution about the sun; the earth's inclination on its axis; the change of season in each of the earth's climatic zones. (UWF) jh, sh, c
SEASONS

Seasons of the Year.
10 min, Color, 1952 . . . . $7.00
Understanding and sustaining the concept of four seasons over a period of a whole year is a difficult learning feat for youngsters. But this film offers a year of experience compressed into simple terms. Highlights of activities through Spring, Summer, Autumn, and Winter–including changes in human activities–are portrayed. (Coronet) el
SEASONS

Second Classroom.
28 min, B&W, 1961 . . . . $6.50
Illustrates the contribution which educational television brings to the classroom. Excerpts from seven ETV stations across the country are used. (NEA) c, a
AUDIOVISUAL MATERIALS–UTILIZATION; TELEVISION

Second World War: Allied Victory.
28 min, B&W, 1964 . . . . $6.50
This film subject is Part III of a triology on The Second World War. It documents World War II events and relates their development from early 1943 to the surrender of Japan in 1945. Dealing with the major campaigns in the Pacific Islands, North Africa, Stalingrad, Italy, Normandy, the bombing of Hiroshima and Nagasaki, and the Yalta "peace settlement" meeting, the film helps to show how the present conflict between the

communist bloc and western powers developed from the war. (EBF) sh, c
WORLD WAR: 1939-1945

Second World War: Prelude to Conflict.
29 min, B&W, 1964 . . . . $6.50
Composed of newsreel, armed forces and captured footage, this first film in a triology of the Second World War examines such causes of war as the Versailles peace treaty, the Russian Revolution, formation of the Nazi movement, U.S. isolationism, the Great Depression, Japan's seizure of Manchuria, the rising of dictatorships in Italy and Germany, the Spanish Civil War, the Axis alliance, the appeasement policy in the face of Germany's annexation of Austria and invasion of Czechoslovakia, and the final attack on Poland which forced Britain and France into war. (EBF) jh, sh, c
EUROPE–HISTORY: 20TH CENTURY; WORLD WAR: 1939-1945

Second World War: Triumph of the Axis.
25 min, B&W, 1964 . . . . $5.00
This film story documents such events as the Nazi attack on Poland, Norway, Denmark, France, the Battle of Dunkirk, the partition of France, the lend-lease program, and Japan's attack on Pearl Harbor. Demonstrates how allied indecision and military unpreparedness encouraged Axis aggression, and describes how Nazi Germany and Japan conceived and carried out their bold plans for world conquest, which seemed assured by the early months of 1942. (EBF) sh, c
WORLD WAR: 1939-1945

Secret Sharer.
30 min, Color, 1972 . . . . $13.00
Rediscover the haunting tale by Joseph Conrad of a young sea captain whose inner conflicts pit his conscience against the safety of the ship he commands and the men he leads–a struggle precipitated by the "secret sharer" of his cabin. (EBEC) jh, sh, c
ENGLISH LITERATURE

Secretary: Normal Day.
11 min, B&W, 1965 . . . . $3.50
Following Joan through a normal day in a modern office, we learn about typical secretarial responsibilities such as making appointments, greeting visitors, processing incoming mail, supervising files, organizing a business trip, taking dictation and transcribing. The film emphasizes the personal qualities of self-direction, tact, willingness to learn, judgment and enthusiasm needed to be a successful secretary. (Coronet) sh, c, a
GUIDANCE, VOCATIONAL; BUSINESS EDUCATION

Secretary: Taking Dictation.
11 min, B&W, 1965 . . . . $3.50
A good secretary has the proper materials organized to respond quickly to the boss's call. She knows correct posture, how to indicate special instructions, when to interrupt and when not, how to "key" dictation to letters being answered, and other routine procedures. Less often, she may record phone conversations or take the minutes of a meeting. (Coronet) sh, c, a
GUIDANCE, VOCATIONAL; BUSINESS EDUCATION

Secretary: Transcribing.
11 min, B&W, 1965 . . . . $3.50
Following Joan through a typical series of transcribing assignments, we learn about the placing of work materials to avoid waste motion; establishing priorities so that rush items get out first; and typing techniques for faster, neater letters. Basic letter forms and procedures for transcribing from a dictating machine complete the survey. (Coronet) sh, c, a
GUIDANCE, VOCATIONAL; BUSINESS EDUCATION

Seed Dispersal.
11 min, Color, 1971 . . . . $7.00
A visual report on different types of seedcoats shows how external agents help each kind become dispersed. (EBEC) el, jh, sh, c
BOTANY; REPRODUCTION, PLANTS

Seed Germination.
15 min, Color, 1963 . . . . $8.00
Explains how seeds serve plants in reproduction, distribution, and as a device to survive unfavorable climate periods, shows how germination studies aid biologists in understanding growth, development, and metabolism. Demonstrations with germinating seeds are shown using time-lapse photography. (EBF) sh, c
BOTANY–PHYSIOLOGY; REPRODUCTION, PLANTS

Seeds Grow Into Plants.
10 min, Color, 1955 . . . . $7.00
Seeing the many ways in which little seeds travel, observing the embryo plant inside a bean seed, and watching the growth of a seed into a small plant, children become familiar with the conditions necessary for seed growth and learn that seeds grow into plants like those from which they came. (Coronet) el
REPRODUCTION, PLANTS

Seekers.
31 min, Color, 1968 . . . . $13.00
Presents the straightforward and poignant stories of young ex-drug users which detail the psychological and physiological damage they suffered under the influence of drugs. (Benchmark Films) sh, c, a
DRUG EDUCATION

Segmentation: Annelid Worms.
16 min, Color, 1963 . . . . $8.00
Describes the structure and functions of the segmented worm body systems, and shows that the segmented annelid worm body plan represents an important evolutionary development. The major classes of phylum Annelida are illustrated. Animated drawings show the structure and functions of the nervous, digestive, and reproductive systems of the earthworm. (EBF) sh, c
ANIMALS–HABITS AND BEHAVIOR; ZOOLOGY

Selecting and Using Ready-Made Materials.
17 min, B&W, 1963 . . . . $4.00
This film illustrates how the teacher can bring imagination and professional artistry to the task of adapting the wide range of ready-made, commercially-produced instructional materials to the particular purposes or conditions pertinent to his group of students. A variety of these instructional materials are shown being utilized in the classroom. (McGraw-Hill) c, a
AUDIOVISUAL MATERIALS–UTILIZATION

Selfish Giant.
14 min, B&W, 1963 . . . . $4.00
Returning from a long journey, the Giant finds children playing in his beautiful garden and selfishly shuts them out. Spring does not come to the garden that year, and only when the children return does the Giant's heart melt with the snow and he discovers love through one special child. (Weston Woods) el
CHILDREN'S FILMS

Selling of the Pentagon.
52 min, Color, 1971 . . . . $19.00
Penetrating analysis of the Pentagon's public relations activities which cost the taxpayer $30 to $190 million annually. Documents Pentagon sponsored VIP junkets, pro-war speaking tours by Colonels and Defense Department's efforts to enlist public support through film, radio and television. (Award Winner) (CBS; CAROUSEL) jh, sh, c, a
SOCIOLOGY

Sense Perception, Part I (The Wonder of the Senses).
28 min, Color, 1960 . . . . $13.00
This film shows how the senses of sight, hearing, taste, touch and smell are designed to make life possible on this earth. An experiment on "seeing" odors is included as well as an impressive demonstration involving inverted vision dramatizing the fact that we actually "see" with our brains. (Moody Institute of Science) jh, sh, c
NERVOUS SYSTEM; PERCEPTION; SIGHT

Sense Perception, Part II (The Limitation of the Senses).
26 min, Color, 1960 . . . . $13.00
As the known electromagnetic spectrum is scanned, the infinitesimal portion our eyes respond to show how blind we really are. Demonstrations in "silent" sound show similar limitations in hearing. The limited sensory signals that do get through to the brain are often perceived incorrectly. The film emphasizes the fact that we cannot comprehend all of reality with our feeble senses. (Moody Institute of Science) jh, sh, c
NERVOUS SYSTEM; PERCEPTION; SIGHT

Sense Perception (2nd Edition).
28 min, Color, 1968 . . . . $13.00
The senses of sight, hearing, touch, taste and smell are examined in terms of structure and function. A remarkable demonstration in inverted vision is included as well as an experiment in which odors are made "visible." Evidence is presented that perception actually takes place in the brain; the sense organs are merely receptors. As wonderful as the human senses are, we see that they are very limited when the full field of stimuli are considered. Because our eyes respond to only a tiny sliver of the vast electromagnetic spectrum, we are almost blind. Demonstrations with "silent" ultrasonic sound reveal similar limitations in even the most sensitive human ear. The point is made that man's feeble senses put him in touch with only a very limited part of reality. (MIS) sh, c
PERCEPTION; PSYCHOLOGY

Sentinels of Silence.
19 min, Color, 1971 . . . . $10.00
This remarkable film, winner of two Academy Awards, was shot entirely from a helicopter as it hovered over seven archeological sites in Mexico. As the camera discovers massive pyramid mounds, elaborate relief carvings, and steps leading–where?, a spiritual and esthetic impression of those ancient civilizations emerges. (EBEC) jh, sh, c, a
ARCHAEOLOGY; CENTRAL AMERICA; HISTORY, ANCIENT (4000 B.C.–476 A.D.)

Separate But Equal.
8 min, Color, 1971 . . . . $6.00
Examination of post-Civil War events shows how vote fraud, violence, "Jim Crow" laws, and the power of groups such as the Ku Klux Klan maintained segregation and inequality. (EBEC) jh, sh
BLACK AMERICANS; U.S.–HISTORY: 1783-1900

Sets, Crows, and Infinity.
12 min, Color, 1965 . . . . $7.00
The film explores the mathematical ideas of sets and infinity. It introduces the comparison of sets and one-to-one correspondence between two sets. An infinite set is shown to be a set which is equivalent to the infinite set of whole numbers. (Bruce Cornwell, BFA) el
EDUCATION–METHODS; MATHEMATICS

Seven Bridges of Konigsberg.
4 min, Color, 1965 . . . . $6.00
An animated film to re-create Leonard Euler's analysis of the problem of crossing the Bridges of Konigsberg in a single, continuous walk. (IFB) sh, c
MATHEMATICS

Sevilla.
16 min, Color, 1969 . . . . $8.00
Following a panoramic view of Seville, the capital of Andalucia, we tour the city and see the Guadalquivir River, the Torre del Oro, the famous Torre de la Giralda, the Calle de las Sierpes, the Alcazar and its gardens, the park of Maria Luisa, the pavilions from the Ibero-American Exposition of 1929, the University's Law School, the bullring with a bullfight in action, the district of Santa Cruz, typical streets, plazas, buildings, and some Sevillan dancers performing the flamenco. (IFB) jh, sh, c
SPANISH LANGUAGE

Sewing Techniques Series: Basic Parts and Threading of the Sewing Machine.
10 min, Color, 1970 . . . . $7.00
The basic parts of the sewing machine and their uses are illustrated. Emphasis is placed on threading, needle insertion, bobbin winding and correct placement of the bobbin in the bobbin case. (AIMS) jh, sh, c, a
SEWING

Sewing Techniques Series: Pattern Interpretation.
12 min, Color, 1971 . . . . $7.00
The information on the pattern envelope and guide sheet is shown in detail with close illustrations on how to read and use the pattern and the directions. This film demonstrates pattern layout, pinning and cutting of the garment. (AIMS) jh, sh, c, a
SEWING

Sewing Techniques Series: Zipper Application, Part I.
12 min, Color, 1970 . . . . $7.00
The film shows the style and types of commonly used zippers and ways of using the zipper. Demonstrates techniques for applying machine lapped and hand lapped zippers. (AIMS) jh, sh, c, a
SEWING

Sewing Techniques Series: Zipper Application, Part II.
10 min, Color, 1970 . . . . $7.00
This film shows the style and types of commonly used zippers and ways of using the zipper. Demonstrates techniques for applying a slot and invisible zipper. (AIMS) jh, sh, c, a
SEWING

Shade of Difference.
31 min, Color, 1967 . . . . $13.00
Presented in a refreshingly different and entertaining style, the film brings home to the viewer important principles of traffic safety. (IFB) sh, c, a
SAFETY EDUCATION

Shakespeare: Background for His Works.
14 min, Color, 1951 . . . . $8.00
In the England of today, this film points out the places of Shakespeare's times and the elements of English life that influenced Shakespeare's language and shaped his character. Kenilworth Castle, Stratford, River Avon, Anne Hathaway's Cottage, George Inn, and the Tower of London are just a few of the memorial spots that link the past with the present. The film story also includes the following brief episodes from some of the most studied plays: Act II, Scene 2 of Romeo and Juliet; Act I, Scene 5 of MacBeth; Act II, Scene 1 of Taming of the Shrew; Act IV, Scene 1 of Merchant of Venice; and Hamlet's famous soliloquy from Act III, Scene 1 of Hamlet. (Coronet) jh, sh, c
ENGLISH LITERATURE; ENGLAND; DRAMA

Shakespeare's Theatre.
12 min, Color, 1960 . . . . $7.00
This film is an excerpt of the Prologue from the motion picture *Henry V*. It dramatizes with appropriate Elizabethan musical backgrounds the activity in Shakespeare's theatre before a presentation of Henry V around the year 1600. Exterior and interior views of the Globe Theatre are shown, emphasizing the tiered galleries, projecting stage and open, uncovered pit or central area. After the Prologue to the play is recited key scenes are recapitulated with the help of drawings and animated maps. (TFC) sh, c
DRAMA–TECHNIQUE; ENGLISH LITERATURE

Shakespeare's Theatre: Globe Playhouse.
18 min, B&W, 1952 . . . . $5.00
This film uses a model of the original Globe Playhouse to show how plays of Shakespeare's time were produced. The movement from one stage to another and the use of stage machinery are portrayed by excerpts from *Hamlet* and *MacBeth* in which the actors are models. (Univ. Cal.) sh, c
DRAMA–TECHNIQUE

Shape of Things.
10 min, Color, 1971 . . . . $7.00
Records the work of eleven sculptors who came from all over the world to work in Montreal's mountain part. (NFBC; IFB) sh, c, a
ART; SCULPTURE

Shapes and Polarities of Molecules.
18 min, Color, 1963 . . . . $10.00
Observations of electrical effects, including deflections of a stream of falling liquid by an electrically charged rod, lead to the concept of molecular polarity. Covalent substances give two types of results: Some show very marked interactions with electric charges, while others give little effect. A model, or concept, is developed, based on polar and non-polar molecules. Considerations of bond polarity and molecular symmetry correlate the electrical effects and their change as temperature is varied. The molecular dipole model is extended to explain differences in solubility, conductivity and chemical reactivity. (Chem Study Films) sh, c
CHEMISTRY

Sheep in America.
12 min, Color, 1963 . . . . $3.50
Shows highlights of the raising of sheep and the processing of sheep products from lambs on the farm to meat on the table and finished wool cloth. Portrays the American sheep farmer as an important contributor to the nation's economy. (National Sheep Producers Council) el, jh, sh, c, a
ANIMALS, DOMESTIC; AGRICULTURE

Sheep, Sheep, Sheep.
11 min, Color, 1970 . . . . $7.00
Moods, rhythms and images of sheep. Grazing sheep shuffle, gather, a soft river of wool. They chew their cuds. Sleep. Ewes call their lambs. Without commentary. (Churchill) el
CHILDREN'S FILMS

Shelter.
11 min, B&W, 1955 . . . . $3.50
Introduces the important human activity of providing protection and privacy for members of the family. Eskimos in Canada, desert people in the Sahara, and Fiji Islanders have different kinds of shelters to meet the conditions of their climates. An American pioneer's log cabin is compared with a modern home, and several of the processes in residential construction are shown. (EBF) el, jh
HOUSING

Sheridan's World of Society.
17 min, Color, 1972 . . . . $8.00
Both a biography of Richard Brinsley Sheridan and a look at the society in which the dramatist-statesman lived. Paintings, cartoons, and portraits by artists of the period are used first to depict the era's life style, then to trace events in Sheridan's life as he passes from a popular playwright and theatre owner to a

gambling, drinking politician who died a pauper. (SEABOURNE ENTERPRISES; IFB) sh, c
BIOGRAPHY; LITERATURE

Shetland Foal.
10 min, si, Color, 1965 . . . . $3.50
Documents the normal delivery of a healthy, pure-bred Shetland foal by a pure-bred Shetland mare. Filmed at the University of Connecticut, College of Agriculture Horse Barn. (UCONN) sh, c, a
REPRODUCTION, ANIMALS

Ship is Born.
9 min, B&W, 1970 . . . . $3.00
The prosaic construction process is filmed in a new perspective – from the standpoint of the emotional relationship between man and his work. An impressionistic film treatment, without narration, involves the viewers through the cadence of work rhythms and the subtle play of light and shadow. (EBEC) jh, sh
MOTION PICTURES–EXPERIMENTAL

Shooting.
8 min, B&W, 1956 . . . . $3.00
Demonstrates the techniques of executing different types of shots, such as the 'forehand,' 'backhand' and 'slap.' (Crawley Films; IFB) sh, c
SPORTS

Shooting Gallery.
6 min, Color, 1970 . . . . $6.00
Mechanical targets in a shooting gallery are the protagonists in this allegory of the repression of freedom and the destruction of love. (Award Winner) (Weston Woods) jh, sh, c, a
ALLEGORY; SOCIAL ETHICS

Shop Steward.
22 min, B&W, 1953 . . . . $5.00
This is a dramatized presentation of the role of the shop steward in the effective day-to-day functioning of free trade unionism. The film covers the election of the shop steward and the part he plays in carrying out the grievance procedures set up by company and union. (NFBC; McGraw-Hill) c, a
JOURNALISM; LABOR AND LABORING CLASSES

Short and Suite.
5 min, Color, 1960 . . . . $6.00
Abstract spasmodic imagery – occasionally as brilliant as fireworks and constantly intriguing and colorful – interprets lively jazz uniquely and appropriately in this experimental film by Norman McLaren and Evelyn Lambart. (Award Winner) (NFBC; IFB) sh, c
JAZZ MUSIC; MOTION PICTURES–EXPERIMENTAL

Shot Heard Round the World.
8 min, Color, 1972 . . . . $6.00
Film shows that British troops, assigned to destroy an arms cache in Concord, were met in Lexington by colonials who had been forewarned by Paul Revere. At Concord Bridge, the first shots were fired of the Revolution that cost Britain its major possessions in America. (EBEC) jhh, sh
U.S.–HISTORY: REVOLUTION

Sibling Relations and Personality.
22 min, B&W, 1955 . . . . $5.00
In a series of case studies, this film demonstrates the relationships a child has with his brothers and sisters throughout developmental years. These relationships are an important factor in personality shaping. Emphasis is placed on the importance of understanding complex personality influences in helping youngsters through childhood and adolescence. (McGraw-Hill) c, a
CHILD STUDY; PSYCHOLOGY

Sibling Rivalries and Parents.
11 min, B&W, 1955 . . . . $3.50
In any family one encounters a certain amount of rivalry among the brothers and sisters. This film describes the reasons for this rivalry, the varied manifestations of it, and means of holding natural friction to a minimum. This film shows that friction is a normal trait. (McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); FAMILY; PSYCHOLOGY

Sign of Profit.
20 min, Color, 1964 . . . . $3.50
Shows the profit, and other advantages, to be obtained by the modern-day hog producer that establishes a Validated Brucellosis-Free Herd. It instructs farmers to test the entire breeding herd, all animals six months of age and older, and shows the plan best suited to the commercial or purebred producer. Cleared for TV. (USDA) sh, a
AGRICULTURE; ANIMALS, DOMESTIC

Signs, Symbols and Signals.
11 min, Color, 1969 . . . . $7.00
Reveals the associations that signs, symbols and signals stimulate. Offers the viewer a new dimension in the concept of communication. (AIMS) el, jh
COMMUNICATION

Similar Triangles in Use.
11 min, Color, 1962 . . . . $7.00
Discusses the practical value of knowing that corresponding sides of similar triangles are proportional. (IFB) jh, sh, c
GEOMETRY; MATHEMATICS

Simple Cup of Tea.
28 min, B&W, 1965 . . . . $3.50
A documentary report on how the Agency for International Development helps people of developing countries build a better life for themselves and their children through the assistance of AID personnel like Ben Ferguson. When Ferguson became an agricultural adviser for AID, he took with him to Pakistan the experience and know-how of forty years in Colorado as farmer, teacher, and businessman. This film documents a typical 14-hour day for Ferguson as he works with the people of East Pakistan assisting them in conquering hunger, disease, and ignorance. Although the film deals with East Pakistan, it typifies the AID program in many countries of Asia, Africa and Latin America. (AID) jh, sh, c, a
INTERCULTURAL COOPERATION

Simple Machines.
11 min, B&W, 1942 . . . . $3.50
Shows the six simple machines, the lever, the wheel, the inclined plane, the wedge, the pulley, and the screw. Applications of these simple machines to form modern complex machines are demonstrated. Animated drawings clarify abstract mechanical principles. The evolution of the machine and its part in contemporary civilization is indicated also. (EBF) jh, sh, c, a
POWER (MECHANICS); PHYSICS

Simple Machines: Inclined Plane Family.
11 min, B&W, 1954 . . . . $3.50
11 min, Color, 1954 . . . . $7.00
The operation of the inclined plane is shown through a series of simple experiments. (EBEC) jh, sh, c, a
PHYSICS; SCIENCE, GENERAL

Simple Machines: The Lever Family.
14 min, Color, 1954 . . . . $8.00
The film explains the operating principles of basic machines in the lever family, showing how the lever, pulley, wheel and axle are related to each other, and how each makes work easier. (EBEC) jh
PHYSICS; SCIENCE, GENERAL

Simple Plants, The Algae.
17 min, Color, 1962 . . . . $8.00
This film shows unusual photography of algae in various environments, inside of flatworms, in the neighborhood of hot springs, and on the surface of mountain snows. Photomicrography of algae in a variety of reproductive processes includes scenes of Chlamydomonas in cell division, Ulothrix releasing motile spores, sperm fertilizing an egg in Ocdogonium. (EBF) sh, c
BOTANY

Single-Celled Animal: Protozoa.
17 min, Color, 1963 . . . . $8.00
Illustrates the characteristics and behavior of representatives of each class of protozoans, and discusses theories of protozoan evolution from ancient single celled plants. Shows the structures which various classes of protozoans use for movement and food-gathering. Photomicrography is used throughout the film. (EBF) sh, c
CELLS; MICROORGANISMS; ZOOLOGY

Siqueiros: "El Maestro" (March of Humanity in Latin America).
14 min, Color, 1969 . . . . $8.00
A documentary of the largest mural ever created – The March of Humanity in Latin America by David Siqueiros in Mexico City. (EBEC) jh, sh, c
ART, MODERN

Sir Francis Drake (The Rise of English Sea Power).
30 min, B&W, 1959 . . . . $6.50
With rich, authentic settings and an English cast, the film recreates the most important episodes in Drake's life–shows how he won England the right of way into a new continent; captured

a vast treasure of gold, silver, and precious stones for his Queen; terrorized the Spanish navy; and persuaded the people of England to "look to the sea for strength." (EBF) el, jh, sh, c, a
BIOGRAPHY; ENGLAND; EXPLORERS

Sirene.
10 min, Color, 1970 . . . . $7.00
Animated paintings in vivid colors tell the story of a mermaid in the harbor of a modern city. (IFB) el, jh, sh, c
ALLEGORY

Sit Down, Shut Up, or Get Out.
58 min, Color, 1971 . . . . $20.00
This allegorical play about a boy who is different, deals with the threat to individual freedom involved in the expression of dissent. Parents, teachers, and peers react with different emotions to Christopher, an intellectually gifted child, who is determined to be himself. (NBC) jh, sh, c, a
CHILD STUDY; GUIDANCE, PERSONAL

Sixteen in Webster Groves.
47 min, B&W, 1966 . . . . $8.00
Presents a survey of teen-age attitudes in an affluent society. The survey concludes that young people in this milieu are complacent, smug, and insulated against social problems of hunger, disease, and inequality. Their goals are material and consist of split-level housing in a carefully-screened community, two cars, and a status position in the social and business worlds. (Award Winner) (CBS; CAROUSEL) sh, c, a
ADOLESCENCE; SOCIAL PROBLEMS; PSYCHOLOGY

Skater Dater.
18 min, Color, 1965 . . . . $10.00
A boy's emergence into adolescence is given a gentle treatment in this multiple award winning film. (Pyramid Films) jh, sh, c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE)

Skeleton.
12 min, B&W, 1952 . . . . $3.50
Describes in detail the formation, growth, development, and function of the human skeleton. Microphotography and animated drawings reveal what bones consist of and how they grow. Dramatic motion picture X-ray photography shows how joints move. Attention is called to the role of proper food and good posture in the correct development of bone. (EBF) sh, c, a
PHYSIOLOGY

Ski the Outer Limits.
25 min, Color, 1968 . . . . $10.00
Equates man's timeless search for involvement and meaning with the more graphic expressions of the same quest seen in the ski sport. (Multi-Award Winner) (Summit Films; Pyramid Films) el, jh, sh, c, a
SPORTS; WINTER SPORTS

Skiing in Quebec.
9 min, Color, 1969 . . . . $3.50
Accented with music, but without commentary, explores the indoor and outdoor activity of Quebec's winter playground. (Moreland-Latchford Prod. Ltc.; CTF) el, jh, sh, c, a
CANADA–DESCRIPTION AND TRAVEL

Skipper Learns A Lesson.
10 min, Color, 1952 . . . . $7.00
A little girl and her dog Skipper move to a neighborhood where youngsters of different races play together. Skipper snubs the dogs belonging to these youngsters because they look "funny" to him. Later, through an embarrassing episode with a can of paint, Skipper becomes the one who looks odd to the other dogs and realizes his mistake. (EBF) el
HUMAN RELATIONS; SOCIAL ADJUSTMENT

Sky.
10 min, Color, 1961 . . . . $7.00
Discusses basic scientific facts about the sky and the objects in it–sun, moon, stars and clouds. (Robert Edmunds; IFB) jh, sh, c, a
SCIENCE, GENERAL

Sleep for Health.
10 min, B&W, 1950 . . . . $3.50
Presents the importance of regular sleeping habits from the viewpoint of a child. Shows the child how a regular bedtime which allows for sufficient sleep helps him attain goals which he himself desires. Emphasizes the child's own responsibility in the formation of good habits. Considers dreaming as a normal part of sleeping. Graphically illustrates how lack of sleep causes irritability and interferes with the enjoyment of everyday living. (EBF) el
HYGIENE; HEALTH

Sleeping Beauty.
14 min, B&W, 1963 . . . . $4.00
All the magical beauty of this fairy tale classic has been caught in this treatment of the story. Richly costumed actors recreate the feeling of medieval pageantry. (Coronet) el
STORIES

Slide Rule.
32 min, B&W, 1959 . . . . $6.50
This film teaches the beginner by actual demonstration, to use the slide rule. (EBF) sh
MATHEMATICS

Slips and Falls.
3 min, Color, 1973 . . . . $6.00
This film depicts ways workers may injure themselves in slip-and-fall accidents. (IFB) a
SAFETY EDUCATION

Slow As In Sloth.
19 min, Color, 1954 . . . . $10.00
The unusual anatomy and physiology of the sloth are considered both in the laboratory and in the jungle. The film stresses the relationship between the animal and its environment. (MIS) jh, sh
ANIMALS–HABIT AND BEHAVIOR; BIOLOGY

Slow Death of Desert Water.
30 min, Color, 1970 . . . . $13.00
Pyramid Lake, in Nevada, is drying up because of man's interference with nature. The source of water is a river from Lake Tahoe, but dams divert most for other purposes, and Lake Tahoe itself is becoming polluted. Some fish are already extinct and the existence of white pelicans and cui-cui, a desert fish found nowhere else in the world, is threatened. There are also sonic booms which gulls have learned to capitalize upon for food at the expense of other birds. Moving scenes show the pelicans being scared off by the sound as the less frightened gulls eat the pelican eggs. Scenes also show the fresh water spawning cui-cui killing themselves in an overly shallow river. (NET) sh, c, a
ECOLOGY; POLLUTION

Smithsonian Institution.
21 min, Color, 1965 . . . . $17.00
This inside look at the "nation's attic" gives the viewer an idea of the scale of the Institution, a sense of its present-day goals, and a knowledge of its early history as well as a close-up view of some of the museum's fascinating collections. (EAMES; EBEC) jh, h, sh, c
MUSEUMS; U.S.–GENERAL

Smokey's Story.
12 min, Color, 1971 . . . . $3.50
Dennis Weaver meets a group of young campers in the woods. He sees that one boy is playing with a book of matches. He retells the true story of little Smokey, the cub who survived a forest fire. Mr. Weaver succeeds in convincing the boy that matches are not for play. (USDA) el, jh
CONSERVATION; GUIDANCE, PERSONAL; CAMPING

Snakes.
11 min, Color, 1963 . . . . $7.00
Using completely new nature photography, this film illustrates the interesting life habits and special adaptations of snakes, showing their equipment for locomotion, sensation, nutrition, and self-protection. The four poisonous snakes found in the United States and Canada are identified, but the film emphasizes the value to man of most snakes. (Coronet) jh, sh, c
ANIMALS–HABITS AND BEHAVIOR; REPTILES

Snookie, The Adventures of a Black Bear Cub.
11 min, Color, 1948 . . . . $7.00
The adventures of a bear cub, with no usual slapstick comedy. (Deusing Film Productions; IFB) el
ANIMALS–STORIES

Snowflakes.
7 min, Color, 1956 . . . . $6.00
Portrays the uses and the beauty of snow. Snow is a valuable asset in storage of water for irrigation and for recreational enjoyment. Each flake is shown to be an exquisite crystal of ice. (MIS) el, jh
SCIENCE, GENERAL; WEATHER

Snowy Day.
6 min, Color, 1964 . . . . $6.00
The silent wonder of a city snow and Peter's solitary delight in it as he slides down snow mountains and takes a snowball home in his pocket are told in exquisite collages that reflect the sparkling

quality of snow and the contrasting warmth of home and family. (Weston Woods) el
CHILDREN'S FILMS

Soccer for Girls.
11 min, B&W, 1962 . . . . $3.50
Skilled players demonstrate the various traps, dribbles, and passes of soccer. Close-ups and slow-motion photography bring out the details of technique while an action sequence reviews the points of play presented. (Coronet) jh, sh, c
SPORTS

Social Class in America.
16 min, B&W, 1959 . . . . $4.00
Some significant contrasts are shown in the lives of three boys who come from three different social classes. The film relates the ascribed, or inherited, status of each to the wealth, occupation, residential address and the social status of his parents and shows how graduation from the public high school marks the beginning of increasingly different lives. The experiences of one of the young men, who raises his social status, illustrates the factors favoring vertical mobility in America. (McGraw-Hill) sh, c
SOCIOLOGY; SOCIAL GROUPS

Social Development.
16 min, B&W, 1950 . . . . $4.00
An analysis of social behavior at different age levels and the reasons underlying the changes in behavior patterns as the child develops. Points out development from the stage where the sexes and ages mix indiscriminately to the point where children begin to pick members of their own sex as playmates. (McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); SOCIAL ADJUSTMENT

Social Drinker and the Anti-Social Driver.
16 min, Color, 1971 . . . . $8.00
Statistical analysis of many automobile accidents involving drinking drivers, substantiates the concept that it is not the problem drinker that is primarily responsible for most accidents on the road, but rather the social drinker. (AIMS) sh, c, a
GUIDANCE, PERSONAL; SAFETY EDUCATION

Social Insects–The Honeybee.
24 min, Color, 1961 . . . . $10.00
The social life of the honeybee...the most familiar and popular of all the insects, as well as the most important economically...is shown in detail, with commentary by Dr. Alfred E. Emerson, one of the world's foremost authorities on social insects. The film shows many fascinating aspects of the honeybee's life, including the amazing dance of the "scout bee," which directs other worker bees to rich food sources, and "population control"...the expulsion of the drones at the end of the summer. (EBF) sh, c
BEES

Social-Sex Attitudes in Adolescence.
22 min, B&W, 1956 . . . . $5.00
The life stories of a young married couple are presented and contrasted from the aspects of their sex education and sex adjustments in adolescence. The importance of personal experiences and the influence of parents and friends is seen in their struggle to achieve mature social-sex adjustment. The film focuses clearly on the desirable aspects of the problems handled. (McGraw-Hill) c, a
ADOLESCENCE; MARRIAGE; PSYCHOLOGY

Solar Prominences.
10 min, B&W, 1948 . . . . $3.50
This technical film shows many types of eruptive phenomena which take place from the surface of the sun. (MichU) c, a
ASTRONOMY; SOLAR SYSTEM

Solar Radiation I: Sun and Earth.
18 min, Color, 1967 . . . . $10.00
Making use primarily of animation techniques, this film is concerned with the concept that the energy radiated away to space by the earth must balance the energy received from the sun. This gives rise to a constant mean temperature of the earth even though the geographical temperature distribution over the earth is quite variable. Simplified step-by-step explanations are given of the roles played by the rotation of the earth in showing diurnal variations, and the tilt of the earth's axis of rotation with respect to the plane of its orbit in causing seasons. Effects due to the presence of an atmosphere and a cloud cover are also presented. The average distribution is then shown schematically to lead to a large scale highly-simplified circulation in which rising warm air at the equator flows poleward over cold air flowing toward the equator from the poles. (American Meteorological Society; MLA) sh, c
EARTH; SOLAR SYSTEM; PHYSICS

Solar System.
10 min, B&W, 1967 . . . . $3.50
Photographed by means of several telescopes including the 200-inch Hale telescope at Palomar, scenes are shown of Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto and Halley's Comet. (ISO; Sibley) sh, c, a
ASTRONOMY; SOLAR SYSTEM

Solar System.
21 min, Color, 1970 . . . . $10.00
Surveys what we know about the sun, the moon and the planets. Includes excerpts of the Apollo films of the moon's surface and Mariner 6 and 7 findings on Mars. Uses both time-lapse photography and animation to describe the sun's composition and temperature and such phenomena as sunspots, solar flares and the solar wind. The orbits and relative sizes of the planets are illustrated, a theory of the formation of a planetary system is explained, and asteroids, meteors and comets are described. A brief historical survey covers the Ptolemaic System, the telescope and radio astronomy, and the beginning of space flight. Finally, the film examines each of the nine planets in the solar system, presenting such information as the surface conditions on Mercury, Venus and Mars, the composition of Saturn's rings, and views of the earth as it appears from space. (Armanda Films; IFB) jh, sh, c
ASTRONOMY; SCIENCE, GENERAL

Solids, Liquids and Gases.
10 min, B&W, 1961 . . . . $3.50
Another in the Elementary Science series, this film is an introduction to the three states of matter. It defines a liquid, a solid, and a gas, and demonstrates how substance can be changed from one state to another, depending on how hot or cold it is. Explains everyday applications of these concepts. (McGraw-Hill) el
CHEMISTRY; PHYSICS

Solution of Alkali Metal in Liquid Ammonia.
24 min, Color, 1971 . . . . $10.00
Serves as an introduction to fundamental research for students who are considering making a career in chemistry. Researcher attacks the problem of isolating a sample of sodium dissolves in liquid ammonia without having it decompose because of impurities. (EBEC) sh, c
CHEMISTRY

Some Are More Equal Than Others.
40 min, B&W, 1971 . . . . $8.00
Investigates inequities of judicial system in relation to racial and poor minorities. Shows disproportionate bail scale, long detention without trial, discriminatory jury selection and loss by default of civic suits. Narrated by Eric Sevareid. (CBS; CAROUSEL) jh, sh, c, a
LAW; SOCIAL PROBLEMS

Some Friendly Insects.
5 min, Color, 1971 . . . . $6.00
Explores through up-close photography the characteristics of several harmless insects. (EBEC) el
INSECTS AND SPIDERS

Something to Work For.
30 min, Color, 1966 . . . . $13.00
Shows styles of leadership and effect of these styles on attitude and work of employees. Illustrates consequences of sub-standard middle management practices. Distinguishes between motivation and manipulation in the handling of employees. Stresses meaning of work to people and ways in which productivity is affected by leadership. (Roundtable Films) c, a
BUSINESS; PERSONNEL MANAGEMENT

Song of a Nation.
19 min, Color, 1936 . . . . $10.00
Produced by Warner Brothers this film is a dramatization of the writing of "The Star Spangled Banner" by Francis Scott Key on board a British ship opposite Fort McHenry. (TFC) el, jh, sh
U.S.–HISTORY: 1783-1900; MUSIC–PATRIOTISM

Sort of a Commercial for an Icebag.
16 min, Color, 1969 . . . . $8.00
Takes the viewer to Claes Olenburg's side as the impish virtuoso creates a giant pink replica of an icebag at the World's Fair in Osaka. (Benchmark Films) el, jh, sh, c, a
ARTISTS

Sorcerer's Apprentice.

14 min, Color, 1964 . . . . $8.00

Lisl Weil draws the story she imagines this popular symphonic classic must suggest. Using bright pastels she sketches her way through every mood of the music – and sure enough the sorcerer, his eager apprentice and a demonic broom come to life. (Weston Woods) el

CHILDREN'S FILMS

Sound and How It Travels.

11 min, Color, 1963 . . . . $7.00

Defines sound and shows that it is caused by vibrations. Reveals that vibrations must travel from their source through a sound medium–air, liquid, or solid–to be heard. (EBEC) el

SCIENCE, GENERAL; SOUND

Sound Waves and their Sources.

11 min, B&W, 1965 . . . . $3.50

Explains that all sound originates in vibrating objects, and illustrates the three general types of vibrating sound sources: columns of air, surfaces, and strings and rods. Describes the major characteristics of sound waves–loudness, pitch, and quality–and demonstrates the principal auditory differences between sounds. (EBEC) jh, sh, c

PHYSICS; SOUND

Sounds in the Silent Deep.

27 min, Color, 1972 . . . . $13.00

The development of the hydrophone revealed a world of sound in the so-called "silent deep." The specialized structures and sonic way of life for a variety of fish, crustacea and mammals are examined. The student is challenged to avoid premature conclusions in all areas of life. (MIS) jh, sh, c

MARINE BIOLOGY

South Africa.

27 min, Color, 1967 . . . . $13.00

Provides information on the historical background of modern South Africa and explores the many social problems of the country. The film discusses the criticisms leveled at the government's racial policies and the likelihood for change in the near future. (ABC; McGraw-Hill) jh, sh, c, a

HUMAN RELATIONS; REPUBLIC OF SOUTH AFRICA

South Pacific Island Children (Life in Fiji).

11 min, Color, 1951 . . . . $7.00

Shows members of an island family at a variety of daily activities–fishing, attending school, tending their garden, and constructing a house. (EBEC) jh

ASIA; FAMILY

South: Roots of the Urban Crisis.

27 min, B&W, 1970 . . . . $6.50

27 min, Color, 1970 . . . . $13.00

Case studies of southern workers and interviews with representatives of the urban poor. Illustrates how the cyclical pattern which links poverty to violence has many of its roots in the South. (EBEC) jh, sh, c

SOCIOLOGY

Southeast Asia: Introducing the Philippines and Thailand.

15 min, Color, 1971 . . . . $3.50

Summary of the life style and customs of the people of the Philippines and Thailand. Includes descriptions of their production of food and export products, housing, religion, and education. (Paul Scholl; American Association of Colleges of Teacher Education) jh, sh, c, a

ASIA; PHILIPPINE ISLANDS

Southeastern States.

11 min, B&W, 1956 . . . . $3.50

Outlines living patterns in Alabama, Arkansas, Louisiana, Mississippi, Florida, Georgia, South Carolina, North Carolina, Virginia, Kentucky, and Tennessee, with a brief historical introduction. (EBF) el, jh, sh, c

U.S.–REGIONS

Southern Accents, Northern Ghettos.

50 min, B&W, 1969 . . . . $9.50

Dramatizes the dilemma of southern, rural Blacks who flee the South only to end up on welfare in inner city ghettos. Award winner. (Benchmark Films) jh, sh, c, a

BLACK AMERICANS; SOCIAL PROBLEMS

Southern New England Region: New Industries.

13 min, Color, 1965 . . . . $7.00

The film begins with a glance at the region when the first settlers, finding the land poor for farming, used the abundant water supply to drive machinery to make shoes, cotton and woolen textiles and other products. At first, each family was almost self-reliant. Later, new, more efficient machinery helped create the larger factories. Boston and Providence became great seaports. Everyone prospered until the end of the First World War when the area became depressed. Industries decided to move to other sections of the United States where labor was cheaper, taxes lower and locations better. The film shows how people of the area faced their problems and took action. Workers learned new trades and skills. New industries came and built plants. Electrical equipment, machine tools, metal and household goods are just some of the new products being produced in this region. Water and electrical power...excellent roads and trucking facilities...the great Boston and Providence ports...the world's great colleges and universities and, most important, the people of New England...have helped make this one of America's great industrial areas. (McGraw-Hill) el, jh, sh

U.S.–INDUSTRIES; U.S.–REGIONS

Southwestern States.

11 min, Color, 1955 . . . . $7.00

Emphasizes the vastness of the Southwest's resources and the implication of its recent industrial and commercial progress. Animated maps trace population trends and geographical features. Irrigation, stock raising, agriculture, mining, and oil extracting and refining are shown. (EBF) el, jh, sh, c, a

U.S.–REGIONS

Soviet Russia: From Revolution to Empire.

15 min, B&W, 1962 . . . . $4.00

Covering the period from 1917 to the present the film traces the factors and conditions which led to the transformation of Russia from a weak and backward country to a powerful and highly industrial nation. (McGraw-Hill) jh, sh

EUROPE–HISTORY: 20TH CENTURY; RUSSIA

Soviet Union: Epic Land.

29 min, Color, 1971 . . . . $13.00

Unique footage gives sweeping panorama of the Russian land and people, capturing the vast size, political structure, and potential of the Soviet Union. (EBEC) jh, sh

COMMUNISM; RUSSIA

Soviet Union: Faces of Today.

26 min, Color, 1972 . . . . $13.00

To the tune of Russian folksongs, this colorful film captures the wide diversity, but common humanity, of Soviet people. (EBEC) jh, sh, c

RUSSIA

Soviet Union: The Land and the People.

16 min, B&W, 1956 . . . . $4.00

Surveys Russia's great diversity in land forms, climate, and human activities. Emphasizes the trend toward future development as seen in expanding heavy industry, increased production, and wider use of previously underdeveloped land. (Coronet) el, jh, sh

RUSSIA

Soviet Union: Past and Present.

21 min, Color, 1970 . . . . $10.00

Traces Russia's history from Ivan the Terrible and focuses on current industrial and living conditions in Moscow and Leningrad. (Gateway; Coronet) el

HISTORY; RUSSIA

Soviet Union: Student's Life.

21 min, Color, 1972 . . . . $10.00

Filmed in the Soviet Union, rare footage introduces students to the greatly different educational system through the "story" of Nikolai Diachenko, a chemical engineering student. (EBEC) jh, sh

EDUCATION; RUSSIA

Space Exploration: A Team Effort.

24 min, Color, 1972 . . . . $10.00

This film documents the present U.S. space program by showing an entire moon voyage–from take-off to moon landing, to splash-down. (EBEC) jh, sh, c

SPACE FLIGHT

Space Probes: Exploring Our Solar System.

11 min, B&W, 1964 . . . . $3.50

11 min, Color, 1964 . . . . $7.00

Animation, live photography, and models of spacecraft and instruments tell the story of man's efforts to explore the outer regions of space – from the launching of Pioneer I in 1958 to present-day programs. (EBEC) jh, sh, c

SOLAR SYSTEMS; SPACE FLIGHT

Space Science: Man-Made Satellites.
11 min, B&W, 1967 . . . . $3.50
Long an obstacle to man's study of space, the earth's atmosphere has now been penetrated to permit the study of conditions in space. The film shows how passive satellites (without instruments), active satellites (with instruments) and manned satellites are placed in orbit, how they function, and the valuable information they transmit from space. (Coronet) jh, sh
SATELLITES

Space Science: Studying the Stars.
14 min, B&W, 1967 . . . . $4.00
How do astronomers gather information about the stars? The film shows how optical and radio telescopes can measure the energy-radiation of stars, how distance can be found to the stars by the parallax method and by comparing their brightness or magnitude. We see methods used to keep track of star movements, and how the star's light gives clues to its heat, composition, movement, and size. (Coronet) jh, sh
ASTRONOMY

Spain and Portugal: Lands and People.
16 min, Color, 1965 . . . . $8.00
From Lisbon to Barcelona, and from the Pyrenees to Seville, this film surveys the endeavors of the Spanish and Portuguese people and their legacy of a common history and geography. Products of wine, cork, wool, meat, grain, citrus fruits and olives, and industries of fishing, mining and manufacturing, illustrate human use of the resources on the Iberian Peninsula. (Coronet) el, jh, sh
PORTUGAL; SPAIN

Spanish Conquest in the New World.
15 min, Color, 1953 . . . . $8.00
In this excerpt–Cortez is shown organizing his expedition to Mexico. The Governor of Cuba sends emissaries to remove Cortez as the leader, but he ignores them and sets out with the women and children following the foot soldiers and mounted Conquistadores. When an ambassador from Montezuma comes to warn Cortez to turn back, he destroys one of the Aztec stone idols to express his contempt for their power. The film ends as Cortez and his followers advance on Mexico City. In brilliant color, the film pictures the costumes of the Conquistadores and of the ambassadors from Montezuma. The characters of Cortez and his followers are dramatically revealed. (TFC) sh, c
AMERICA–DISCOVERY AND EXPLORATION; SPAIN

Spanish Conquest of the New World.
10 min, B&W, 1954 . . . . $3.50
The names of Cortez, Pizzarro, Balboa, DeSoto, and other men who won for Spain one of the greatest empires in the world, take on a new meaning as the film shows new lands conquered, cities built, Indian civilizations overthrown and replaced with the culture of Spain. (Coronet) el, jh, sh
AMERICA–DISCOVERY AND EXPLORATION; EXPLORERS; SPAIN

Spanish Influences in the United States.
14 min, Color, 1972 . . . . $8.00
The influence of Spain remains over the Southwest and California, and has spread throughout the U.S. Notes Spanish influence in our language, our architecture, home furnishings, names, community development and life styles. (Coronet) el, jh, sh
ANTHROPOGEOGRAPHY–NORTH AMERICA; U.S.–GENERAL

Sparky, The Colt.
10 min, B&W, 1960 . . . . $3.50
Companion film to Frisky, the Calf, this production lets children "discover" Sparky, the wobbly little colt. They will eagerly follow his adventures as he grows up, learns to canter across the fields, and becomes a strong, beautiful horse. (Coronet) el
ANIMALS, DOMESTIC

Speaker of the House: The Legislative Process.
23 min, Color, 1964 . . . . $10.00
Examines responsibilities and activities of the speaker of a typical State Assembly during the course of a legislative day. Speaker is shown fulfilling his double role as politician and lawmaker. (Journal Films) jh, sh
U.S.–GOVERNMENT

Speaking for the Consumer: Auto Insurance.
15 min, B&W, 1969 . . . . $3.50
Interview with William Cotter, Insurance Commissioner, State of Connecticut, on automobile insurance. Highlights the auto insurance problem to consumers. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Auto Repair.
15 min, B&W, 1972 . . . . $3.50
Tells how consumers do not get their money's worth from car repair. The film explores the Connecticut laws that protect auto owners against fraud in auto repair. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Best Food Buys of the Week.
15 min, B&W, 1969 . . . . $3.50
Interview with Joseph W. Gill, Connecticut Commissioner of Agriculture and Natural Resources, which informs the consumer how to become acquainted with the current best food buys of the week. How the Department gathers this information and how it is made available to the public are discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Buying a Used Car.
15 min, B&W, 1970 . . . . $3.50
Eugene Mittelman of the National Automobile Dealers Association, gives inside information on what to look for and what to avoid in purchasing a used car. Where to go and how to know if that machine is worth your money are also discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Choosing Home Appliances.
15 min, B&W, 1972 . . . . $3.50
Interview with Virginia Habeeb of the Major Appliance Consumer Action Panel. Discusses how to choose a major home appliance to suit your needs. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Connecticut Department of Consumer Protection as a Consumer Resource.
15 min, B&W, 1969 . . . . $3.50
Interview with Eaton Smith, director, Food and Drugs, Department of Consumer Protection, State of Connecticut. Some of the Department's consumer resources are explained. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Connecticut Real Estate Commission.
15 min, B&W, 1971 . . . . $3.50
Interview with Mr. James F. Carey, Executive Director of the Commission. Provides information on how the consumer can protect himself from fraudulent real estate promotions, including the "Free Lot" come-on and the "free trip" routine. Also explains the rights of the buyer to cancel a contract, and the role of the Commission in regulation of real estate promoters and salesmen. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Connecticut State Board of TV Examiners.
15 min, B&W, 1970 . . . . $3.50
Interview with Mr. Arthur Van Sicklin, Inspector/Investigator for the board. Explains the function of the Board of TV Examiners in the licensing of television repairmen, and in establishing and administering regulations concerning service and repairs. Also discusses the Board's role in handling complaints against dealers and repairers. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Consumer Credit (1970).
30 min, B&W, 1970 . . . . $3.50
Discussion by Mrs. Jessie Hazen, Cooperative Extension Service; Professor Edwin W. Tucker, Business Law, University of Connecticut; and Dr. Elsie Fetterman, Family Economics and Management Specialist, University of Connecticut. Topics include the need for financial counseling, bankruptcy, bait and switch, garnishment, lost credit cards, high pressure selling tactics, and many others. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Consumer Credit (1973).
30 min, B&W, 1973 . . . . $3.50
Robert Focht, Connecticut State Banking Dept., discusses some consumer credit terms such as holder in due course, second mortgage, interest rates, balloon notes, repossessions, contracts. Tells of the consumer's rights and responsibilities in many credit type transactions. (UCONN) sh, c, aa
CONSUMER EDUCATION

Speaking for the Consumer: Consumer Frauds.
15 min, B&W, 1969 . . . . $3.50
Interview with Mrs. JoAnne Fanning, Special Assistant to the Department of Consumer Affairs, exposing some of the dangerous pitfalls the consumer is exposed to every time he

comes in contact with the business world. The misleading and deceptive minority of businessmen are discussed here. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Consumer Problems.
15 min, B&W, 1973 . . . . $3.50
Cynthia Kallman discusses the unethical consumer. Offers the businessman's view of consumers and what most businesses find disturbing about their clientele. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Consumer Protection for Senior Citizens.
15 min, B&W, 1969 . . . . $3.50
Interview with Sholom Bloom, Executive Secretary, Commission on Services for Elderly Persons, on the kinds of consumer protection provided for senior citizens. (UCONN) sh, c, a
AGED; CONSUMER EDUCATION

Speaking for the Consumer: Credit Cards.
15 min, B&W, 1970 . . . . $3.50
Mrs. Jessie Hazen, Extension Home Economist, discusses the advantages and disadvantages of using credit. What credit may cost you and your responsibilities when using credit are discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Credit Unions, John A. Bickel.
15 min, B&W, 1973 . . . . $3.50
John A. Bickel, Manager Director, Connecticut Credit Union League, Inc., discusses the structure of credit unions; their services to customers as compared to those of banks; how any group of responsible persons can start a credit union and receive help in doing so. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Dangerous Toys: United States Food & Drug Administration.
15 min, B&W, 1973 . . . . $3.50
Yolan Harsanyi, Consumer Specialist, U.S. Food and Drug Administration, explains some of the faults found in children's toys that can lead to injury. Many examples of faulty toys that are very dangerous to young children are shown. Recommendations for toy safety are discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Dixwell Legal Rights.
15 min, B&W, 1971 . . . . $3.50
Interview with Mrs. Loretta Henderson, National Director. Discusses the work of the Dixwell Legal Rights Association in areas of consumer protection. Focuses on legal aspects of the landlord-tenant relationship. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Door to Door Selling Law.
15 min, B&W, 1969 . . . . $3.50
Attorney Robert Satter is interviewed by Dr. Elsie Fetterman, UCONN Extension Family Economist, on Public Act No. 749, the door to door selling law. Highlights: the right to cancel a contract in the home, the illegality of referral sales, and contracts as non-negotiable instruments. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Enlightened Consumer.
15 min, B&W, 1971 . . . . $3.50
Interview with Wilbur Smith, Director of Connecticut NAACP Urban Program. Overall view of consumer education. Focuses on need for strong programs aimed at all age groups. Discusses serious effects of ignorance in consumer affairs on job performance, studies, etc. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Estate Planning.
15 min, B&W, 1972 . . . . $3.50
Interview with George Ecker, Economist of the University of Connecticut. Discusses what happens to your estate if you don't have a will, the disposition of an inherited estate and the taxes you owe on it, and the tax status of gifts. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Ethical Door to Door Sales, Larry Banks.
15 min, B&W, 1973 . . . . $3.50
Larry Banks, Manager, Consumer Affairs, Avon Products, Inc., discusses what the truly ethical door to door salesman will and will not do. Informs consumers of their special rights pertaining to home sales and the code of ethics of the Direct Selling Association. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Ethical Door-to-Door Selling.
15 min, B&W, 1970 . . . . $3.50
Interview with Mr. Robert McMillan, Director, Government and Public Affairs of Avon Products, Inc. Discusses the salesmen who are not out to swindle the consumer, and how you can weed out the dishonest salesmen. (UCONN) sh, cc, a
CONSUMER EDUCATION

Speaking for the Consumer: Extension Home Economics as a Consumer Resource.
15 min, B&W, 1969 . . . . $3.50
Interview with Mrs. Doris Lane, State Leader, Home Economics Extension, on Extension Home Economics as an important consumer resource. (UCONN) sh, c, a
CONSUMER EDUCATION; HOME ECONOMICS

Speaking for the Consumer: Fair Credit Reporting Act.
15 min, B&W, 1972 . . . . $3.50
Interview with Richard A. Capobianco, President, the Credit Bureau of New Haven. Explains what is in your credit file; how you can review your credit file; how an error can be corrected; and who has access to your file. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Federal Trade Commission.
15 min, B&W, 1972 . . . . $3.50
Interview with John McCarty, Regional Director of the Federal Trade Commission. Discusses advertised food specials, the responsibilities of the advertisers and the rights of the consumers; also false and misleading advertising. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking fo[illegible]e Consumer: Federal Trade Commission and Consumers.
15 min, B&W, 1972 . . . . $3.50
Interview with W. Byron Rumford, Assistant Director, Division of Consumer Education, Federal Trade Commission, Washington, D.C. Discusses how the Federal Trade Commission provides consumer services and assistance. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Federal Truth-in-Lending Law.
15 min, B&W, 1969 . . . . $3.50
Interview with Harold E. Read, Jr., member of Special Committee of National Conference of Commissioners on Uniform State Laws, on the Federal Truth-in-Lending Law. The important aspects of the law are highlighted for consumers. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Financial Goals.
15 min, B&W, 1973 . . . . $3.50
Shari Bryant explains how to get the most from your food dollars. Emphasis is placed on the technique of supermarket buying to get the most value in nutrition and quantity from the food you buy. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Financial Planning.
15 min, B&W, 1970 . . . . $3.50
Interview with Mrs. Marilyn Gunther, former Home Management Specialist, Iowa State University, discussing what family records should be kept, and where, and how to insure their safety. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Flim-Flam Games.
15 min, B&W, 1969 . . . . $3.50
Interview with Capt. George Bassett of the Detective Bureau of the Greenwich, Connecticut Police Department. Discusses popular flim-flam games. Also informs people how to protect themselves from such confidence games. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Food Stamp Program, Part I.
15 min, B&W, 1970 . . . . $3.50
Mr. Cecil McCarthy, Director of the Food Stamp Program of Connecticut, is interviewed on the expanded program. The scope of the plan and determining one's eligibility are discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Food Stamp Program, Part II.
15 min, B&W, 1971 . . . . $3.50
Interview with Mr. Cecil McCarthy, Director of the Food Stamp Program in Connecticut. Discusses food stamps as a means of "stretching" income; covers how to figure eligibility, costs of stamps as opposed to cash purchases, and the mechanics of

applying for, purchasing, and redeeming the coupons. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Food Stamps.
15 min, B&W, 1971 . . . . $3.50
Interview with Cecil McCarthy, Director of the Food Stamp Program in Connecticut. Discusses the new eligibility requirements of the Food Stamp Program, such as tax dependency, adjusted allowable income, elderly benefits. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: FTC and the Consumer.
15 min, B&W, 1973 . . . . $3.50
Roberta Ward, describes the FTC's role in the elimination of deceptive trade practices. Garment care labels are explained as well as a person's access to his credit file. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Gas Appliance Manufacturers Association.
15 min, B&W, 1973 . . . . $3.50
Pauline Dunckle, explains the functions of GAMA and the services it offers to consumers. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Guidelines for Money Management.
15 min, B&W, 1971 . . . . $3.50
Interview with Miss Margery Kabot, Extension Home Economist. Discusses and outlines advantages of a carefully planned program of money saving and spending, general hints on "how to make my money do the most." (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Hazardous Toys (1971).
15 min, B&W, 1971 . . . . $3.50
Interview with Anita Kanis of Consumer's Union. Discusses toys which violate federal safety standards for toys. Also shows many examples of unsafe toys found on the market today and actions taken by Consumer's Union. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Hazardous Toys (1972).
15 min, B&W, 1972 . . . . $3.50
Interview with Vincent G. Martin, Executive Vice President, Milton Bradley, who explains what toy manufacturers do about toy safety and the functions of the Product Safety Committee. (UCONN) jh, sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Home Management.
15 min, B&W, 1973 . . . . $3.50
Jean Seckinger, emphasizes the seasonal costs families normally run into and what may be done to lessen their financial impact. Also, how money should be handled in the home is discussed. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Legal Aid.
15 min, B&W, 1969 . . . . $3.50
Interview with Morton Blumenthal, senior law student, The University of Connecticut School of Law, on legal aid. Highlights the opportunities available for everyone to receive legal counseling. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Legal Aid – Balance Between Consumers and Businessmen.
15 min, B&W, 1970 . . . . $3.50
Interview with Mr. William H. Clendenen, Jr., attorney for the New Haven Legal Assistance Association. Provides information on obtaining legal services for the "little man." Answers such questions as "Who has to abide by the usury law in Connecticut?" "Does a merchant have the right to sell your contract to a finance company without your permission?" (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Legal Assistance.
15 min, B&W, 1973 . . . . $3.50
Atty. William Clendenon, discusses the legal rights due any person involved in a sales dispute. Explains the 3 day cooling off period for in-the-home-sales. Explains the legal assistance program. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Legal Services.
15 min, B&W, 1970 . . . . $3.50
Attorney Robert Fracasso, director of the New Britain Legal Aid Bureau, discusses how persons who need legal aid but cannot afford to hire a lawyer, can get help from the Legal Aid Bureau if their income level allows them to qualify for this service. May save the viewer some headache and needless spending. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Mail Frauds.
15 min, B&W, 1969 . . . . $3.50
Interview with Thomas F. Peckenham, United States Postal Inspector on mail frauds. It is demonstrated how a wig was used as a "free gift" gimmick in an example of mail fraud. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW; POSTAL SERVICE

Speaking for the Consumer: Medical Quack Devices, William Cadwell.
15 min, B&W, 1973 . . . . $3.50
William Cadwell, Chief, Drug Division, Department of Consumer Protection, discusses deception in the health professions; quack remedies; useless gadgets; fad foods, which are revealed as fraudulent cures, and in some instances, dangerous. Methods for identifying quack medical practitioners are also discussed. Various health gadgets are shown and explained. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: New Haven Legal Aid.
15 min, B&W, 1970 . . . . $3.50
Interview with Mrs. Glennie Burch, Financial Counselor for the New Haven Legal Aid Association. Gives information and advice on financial planning and sticking to a budget plan, in order to "stretch" income. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: New Image of 4-H.
15 min, B&W, 1969 . . . . $3.50
Interview with Charles Derby, member of the Connecticut Cooperative Extension, working with 4-H and other youth in the inner city of New Haven. Samples of current programs, activities and projects. (UCONN) sh, c, a
CONSUMER EDUCATION; SOCIAL SERVICE

Speaking for the Consumer: No-Fault Insurance, John Linden
15 min, B&W, 1973 . . . . $3.50
John Linden, Chief of Special Services, State Insurance Department, discusses the No-Fault Insurance Law that went into effect in Connecticut on January 1, 1973; the auto insurance requirements in the state; what the no-fault system means to the individual auto owner and what it means to the insurance companies. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Office of Consumer Affairs.
15 min, B&W, 1970 . . . . $3.50
Interview with Doris A. Sasser, Associate Director of the President's Committee on Consumer Interests. Discusses the role the White House is playing in helping to solve the consumer's problems, its response to consumer complaints, and its recognition of the importance of consumer education. (UCONN) jh, sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: On the Agenda.
30 min, B&W, 1973 . . . . $3.50
Dr. Elsie Fetterman discusses the functions of the University of Connecticut Cooperative Extension Service and its available services and educational materials to all in Connecticut through the University and county offices. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Problems of the Elderly.
15 min, B&W, 1971 . . . . $3.50
Interview with Mother Bernadette, Honorary Chairman of the State Commission on Aging. Discusses the special problems and the special needs of the elderly citizen as well as some of the programs developed to meet these needs. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Real Estate Fraud.
15 min, B&W, 1972 . . . . $3.50
Interview with James Carey, Director, Connecticut Real Estate Commission. Discusses the precautions one should take before buying out of state land. Warns consumers of some shady practices of land promoters, and appropriate actions if you feel you have been cheated. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Selecting Home Furnishings.
15 min, B&W, 1969 . . . . $3.50
Interview with Evelyn Hartley, University of Connecticut Associate Professor and Extension Home Furnishings Specialist,

on the selection of home furnishings. Reviews what the consumer must take into account when choosing home furnishings. (UCONN) sh, c, a
CONSUMER EDUCATION; HOME ECONOMICS

Speaking for the Consumer: Small Claims Court, Attorney John Rose.
15 min, B&W, 1973 . . . . $3.50
Attorney John Rose discusses the small claims court system as it pertains to the consumer. Explains when a consumer should use a small claims court suit, the pros and cons of the small claims court system and its effectiveness, as well as how a small claims court suit should be filed. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Small Claims Court – A Consumer Resource.
15 min, B&W, 1970 . . . . $3.50
Interview with Attorney John Rose. Discusses possibilities of the average consumer using the small claims court as a simple, free legal resource (in theory) and the realities of the court structure. Includes discussion on whether or not the consumer can file a claim in the court without the expense of an attorney, limitations on the size of "small claims." (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: State Banking Commission, Robert Focht.
15 min, B&W, 1973 . . . . $3.50
Robert Focht, Examiner, Consumer Credit Division, State Banking Department, discusses the new interest rates that are available to consumers using open end credit accounts; the various sources of consumer credit are reviewed as well as the avenues for consumer complaints about incorrect billing. The practice of "debt adjusting" is explained. The Connecticut State Banking Department is discussed as a consumer resource. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Supermarket Consumerism.
30 min, Color, 1972 . . . . $3.50
Interview with Adeline Shell, Consumer Education Consultant. Gives information about shopping in supermarkets; understanding unit pricing; buying meats and vegetables; keeping an eye on nutrition and the budget. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Tax Relief for the Elderly.
15 min, B&W, 1970 . . . . $3.50
Interview with Mr. Gregory Morrisey, Special Assistant to the Connecticut State Tax Commissioner. Film describes the Connecticut law and its application in lowering property taxes of Connecticut residents over the age of 65. Explains special requirements of residence, income, and filing of claims under the law. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Tenant/Landlord: Rights and Responsibilities.
15 min, B&W, 1973 . . . . $3.50
Attorney John Dziamba, discusses the rights and responsibilities of each signer of a lease, both tenant and landlord. Eviction proceedings are explained. The rights due to all tenants (renters) have as to privacy and freedom from harrassment as well as basic rights as to the condition of the living unit and equipment. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Truth in Lending Law (1968).
15 min, B&W, 1968 . . . . $3.50
Interview with Banking Commissioner Philip Hewes on the highlights on Connecticut's Truth-in-Lending legislation passed in the 1967 General Assembly, effective March 1, 1968. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Truth in Lending Law (1969).
15 min, B&W, 1969 . . . . $3.50
Interview with Harry Cross, Special Assistant to the Commissioner, Disclosure Division, State Banking Department on the Truth-in-Lending Law. Highlights the important aspects of the law as they concern the consumer. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: TV Repair.
15 min, B&W, 1971 . . . . $3.50
Interview with Arthur Van Sicklin of the Board of Television Service Examiners. Discusses the licensing of TV, Stereo, Radio and Tape Recorder repairers and state controls of their operations. Also State codes on antenna installation and ethics of electronic repair industry. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Unemployment Compensation.
15 min, B&W, 1968 . . . . $3.50
Interview with Renato E. Ricciuti, Connecticut State Labor Commissioner, on unemployment compensation, and its meaningfulness to Connecticut consumers. (UCONN) sh, c, a
CONSUMER EDUCATION; LABOR AND LABORING CLASSES

Speaking for the Consumer: U.S. Department of Transportation.
15 min, B&W, 1972 . . . . $3.50
Interview with Ann Uccello, U.S. Department of Transportation. Discusses new approaches to U.S. transportation and the services performed by the Department of Transportation. (UCONN) sh, c, a
CONSUMER EDUCATION; TRANSPORTATION

Speaking for the Consumer: University Extension Service.
15 min, B&W, 1972 . . . . $3.50
Documents the functions of the nationwide University Cooperative Extension Service. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Weights and Measures.
15 min, B&W, 1971 . . . . $3.50
Interview with Mr. John Bennett, Chief of the Weights and Measures Division, Department of Consumer Protection. Discusses the Fair Packaging and Labeling Act and its effect on the consumer. Explains inspection procedures for weighing and measuring devices, and outlines the ways the consumer can protect himself from being cheated through short weights and measures. (UCONN) sh, c, a
CONSUMER EDUCATION; LAW

Speaking for the Consumer: Wigs.
15 min, Color, 1971 . . . . $3.50
Interviews beautician Albert Melo who discusses important aspects of wig selection. Explains wig labeling and sales laws. (UCONN) sh, c, a
CONSUMER EDUCATION

Speaking for the Consumer: Workmen's Compensation.
15 min, B&W, 1968 . . . . $3.50
Interview with Harry Koletsky, Workmen's Compensation Commissioner. Some aspects of workmen's compensation which have an important influence on the consumer as a working man are highlighted. (UCONN) sh, c, a
CONSUMER EDUCATION; LABOR AND LABORING CLASSES

Spectograph.
20 min, Color, 1959 . . . . $10.00
Through natural photography and animated diagrams, this film demonstrates the nature and principles of the spectograph. It shows how the range of the spectograph can be increased through the quartz prism and the diffraction grating demonstrates the uses of the spectograph and the qualitative and quantitative detection of impurities for industrial purposes. (McGraw-Hill) sh, c
PHYSICS

Speech: Conducting a Meeting.
10 min, B&W, 1952 . . . . $3.50
Explains and demonstrates the basic parliamentary procedure which contributes to an efficient and successful meeting. (McGraw-Hill) jh, sh, c
SPEECH

Speech: Function of Gestures.
11 min, B&W, 1950 . . . . $3.50
Explains the function of the gesture in public speaking, and points out how speeches can be made much more effective by using the correct gestures at the correct time. Gives specific examples of some commonly used gestures and their function. (McGraw-Hill) sh, c
SPEECH; COMMUNICATION

Speech: Planning Your Talk.
11 min, B&W, 1952 . . . . $3.50
Explains how to plan and organize your talk beforehand so as to achieve the greatest effectiveness in its presentation. (McGraw-Hill) jh, sh, c
SPEECH

Speech: Platform Posture and Movement.
11 min, B&W, 1950 . . . . $3.50
Emphasizes the fact that the speaker makes an important

impression on the audience by his posture and movement. Demonstrates good platform posture and movement. (McGraw-Hill) sh, c
SPEECH

Speech: Stage Fright and What to do About it.
11 min, B&W, 1950 . . . . $3.50
Explains the causes of stage fright, gives typical examples, and shows what can be done to conquer it. (McGraw-Hill) sh, c
SPEECH

Speech: Using Your Voice.
11 min, B&W, 1950 . . . . $3.50
Explains and demonstrates the importance of good speech habits in everyday situations. Explains that a speaker must be heard, must be understood, and must be pleasant, in order to be effective. Shows that most poor speech is due to the speaker's carelessness. (McGraw-Hill) jh, sh, c
SPEECH

Speed of Light (Measurement and Applications).
14 min, B&W, 1958 . . . . $4.00
Shows how Galileo, Fizeau, Roemer and Michelson contributed to the measurement of the speed of light, and indicates some of the most important applications of this constant today. Michelson's famed experiment is shown in animation. (EBF) sh, c
LIGHT; PHYSICS

Spelling is Easy.
11 min, B&W, 1968 . . . . $3.50
This film dramatizes five basic rules of spelling–Hear the Word; See the Word; Repeat the Word; Write the Word; Check the Word. The film invites student participation. (Coronet) el, jh
SPELLING; STUDY SKILLS

Spheres.
8 min, Color, 1969 . . . . $6.00
This latest of McLaren's films is a ballet of white spheres cavorting to the music of Bach, multiplying and dividing, advancing and receding against colorful backgrounds. (NFBC; IFB) el, c, a
MOTION PICTURES, EXPERIMENTAL

Spiders (2nd Edition).
11 min, B&W, 1958 . . . . $3.50
11 min, Color, 1958 . . . . $7.00
Illustrates the distinctive characteristics and habits of spiders, as contrasted with insects. Presents close-ups of spiders. (EBEC) jh, sh
INSECTS AND SPIDERS

Spider Engineers.
15 min, Color, 1956 . . . . $8.00
The engineering skill and versatility of spiders is demonstrated by the discussion of four spiders. The Orb-Weaver utilizes several kinds of silk, the Bolas Spider makes use of a silk lariat, the Diving Spider lives under water by constructing its own diving bell and the Trapdoor Spider constructs a camouflaged trapdoor over her home. (MIS) el, jh, sh
INSECTS AND SPIDERS

Spinal Column.
11 min, B&W, 1958 . . . . $3.50
Supplementing live action scenes with X-ray and stop-motion photography, animated drawing and close-ups, this film provides a detailed study of the structure and functions of the spinal column. The five spinal regions are identified, the curvatures of the spine are described, and the importance of good posture is stressed. (EBF) sh, c
ANATOMY, PHYSIOLOGY

Spirit of the Renaissance.
31 min, Color, 1971 . . . . $13.00
Explores the intellectual and artistic climate of Florence during the 14th and 15th centuries, framed against scenes from the daily life of a contemporary Florentine. (EBEC) sh, c
EUROPE–HISTORY: 476-1492; ITALY

Spirit of Rome.
29 min, Color, 1965 . . . . $13.00
Written by the prize-winning novelist, Mr. Charles Bell, this film, an imaginative and forceful recreation of the "grandeur" that was once Rome, was produced in Rome and London by the EBF Humanities Film Unit. Dramatic scenes from Shakespeare's *Julius Caesar* and George Bernard Shaw's *Caesar and Cleopatra* are skillfully presented to depict the tremendous spectacle of ancient Rome. (EBEC) sh, c, a
HISTORY, ANCIENT (4000 B.C.–A.D. 476)

Spotty: Story of a Fawn.
10 min, B&W, 1950 . . . . $3.50
Primary grade teachers will welcome this story as a beautiful and stimulating experience for all young students. Filmed against the authentic background of the north woods, the adventures of Spotty, a wild fawn, are believable and fascinating. Participation devices are aurally and visually built into picture and the narration has been keyed to primary grade word lists. (Coronet) el
ANIMALS–HABITS AND BEHAVIOR

Spring Comes to the City.
11 min, Color, 1968 . . . . $7.00
The excitement engendered by the coming of spring is expressed through the reactions of a young city-dwelling boy as he observes changes in the weather, plants, animals, and human activities that occur with the coming of spring. (Coronet) el
SEASONS

Spring is Here.
9 min, Color, 1967 . . . . $6.00
Why we have spring, signs of spring such as warming weather, appearance of various springtime birds, flowers and animals, development of leaves on trees. (IFB) el, jh
SCIENCE, GENERAL; SEASONS

Spring on the Farm.
10 min, Color, 1950 . . . . $7.00
One of a series of color films portraying the adaptation of plants and animals to the changing seasons, this film follows Joan and Jerry as they observe the spring scene on the farm. They see buds swelling, birds returning, grass becoming green, fruit trees blooming, the planning of gardens, moths coming out of their cocoons, and young rabbits emerging from their nests. (EBF) el
FARM LIFE; SEASONS

Spruce Bog.
23 min, Color, 1960 . . . . $10.00
A description of the conditions under which a spruce bog is formed, with details of the plant types found at successive stages of development from open water to the mature spring forest. Time-lapse photography is used to illustrate the growth and decay of vegetation. (McGraw-Hill) jh, sh
BOTANY; FORESTS AND FORESTRY

Spud's Summer: Interracial Understanding.
26 min, Color, 1967 . . . . $13.00
Recounts the feelings and experiences of a six-year-old boy from Harlem making his first visit to the country. Delves so deeply into the mind and heart of one child that it reveals the dignity and worth of all children. (Multi award winner) (CBS; McGraw-Hill) jh, sh, c, a
AFRO-AMERICANS, CHILD STUDY; SOCIAL PROBLEMS

Stage Evolves.
18 min, B&W, 1965 . . . . $5.00
Traces the physical development of the theater through its major periods: Greece and Rome, the Middle Ages, the Italian Renaissance, Elizabethan England, the Restoration and 18th century, the 19th and early 20th centuries and the theater of today and tomorrow. Scenes include treatment of classical Greek amphitheatre, the Shakespearean stage, the evolution of the proscenium arch theater, and the emergence of realism as the dominant style of drama and performance. Terms such as platform stage, apron, box-set, thrust stage are defined and illustrated. Above all, the film makes clear how the theatrical style of each period was the result of the physical relationship of stage, scenery, actors and audience. (Film Center of the Horace Mann School) sh, c
DRAMA–TECHNIQUE

Stampede Fever.
27 min, Color, 1969 . . . . $3.50
Shows a little of all the activities of the Calgary Stampede beginning with the glittering open-day parade and highlighting the rodeo and the thundering chuckwagon race. (Chetwynd; CTF) el, jh, sh, c, a
CANADA–SOCIAL LIFE AND CUSTOMS; COWBOYS

Standardized Test–An Educational Tool.
25 min, B&W, 1962 . . . . $5.00
Demonstration of its use in an eighth-grade reading class to determine objectively and systematically the teaching needs of a particular group of students. (Calvin Prod.; IFB) c
ABILITY–TESTING; GUIDANCE, EDUCATIONAL

Stars.
12 min, Color, 1961 . . . . $7.00
Discusses the relative fixed positions and apparent circular

movements of stars. (Robert Edmunds; IFB) el, jh
ASTRONOMY; SCIENCE, GENERAL

Stars and Star Systems.
16 min, B&W, 1960 . . . . $4.00
With the most powerful telescopes available today, astronomers have been able to photograph about one and one-half billion stars. Even this great number is probably only a small part of all the universe. This film shows an astronomer at work with a telescope. A radio telescope and balloon are seen as other methods of astronomical observation. The film is mainly concerned with the vastness of the universe and the heavenly bodies of which it is composed. Many animated sequences make this film of value to anyone who wishes to keep abreast of current concepts of the universe and its structure. (EBF) jh, sh
ASTRONOMY; SOLAR SYSTEM

Stars and Stripes.
4 min, Color, 1950 . . . . $6.00
Norman McLaren interprets a march in a vivid animated sequence utilizing patriotic symbols. (NFBC; IFB) el, jh, sh
MOTION PICTURES, EXPERIMENTAL

Stars at Night.
11 min, B&W, 1967 . . . . $3.50
As a simple introduction to the stars, the film clearly answers such basic questions as why we cannot see the stars by day, why they seem to move across the sky during the night, and why we see different constellations at different times of the year. It shows familiar constellations such as Orion the Hunter, the Big and Little Dippers, as well as the planet Mars and the Milky Way Galaxy. (Coronet) el
ASTRONOMY; SOLAR SYSTEM

State of the Earth.
18 min, Color, 1969 . . . . $10.00
Mountains, swimming pools, skid-rows, super-highways and music are woven together in this non-verbal essay to evoke moods and questions about existence in today's complex society. (NBC) el, jh, sh, c, a
SOCIAL CONDITIONS

State of the Nation.
26 min, B&W, 1952 . . . . $6.50
Presents an overview of the U.S. in the year 1952. Covers college life, harvest time, rising food prices, military life, the Korean War, the Presidential campaign, etc. (McGraw-Hill) sh, c, a
U.S.–HISTORY: 1898-

Statistics at a Glance.
28 min, Color, 1972 . . . . $13.00
Introduces descriptive statistics and their widespread use in our daily activities. Covers six major topics: 1) frequency distribution; 2) normal and skewed distributions; 3) measures of central tendency; 4) variability; 5) percentiles; and 6) correlation. (Wiley) c
MATHEMATICS

Steam Age (History of Transportation in the United States, Part I).
16 min, B&W, 1959 . . . . $4.00
Describes the swift development of transportation in the United States from the time of the Indians to the coming of the automobile. (EBF) el, jh, sh
TRANSPORTATION

Steamboat on the River.
18 min, Color, 1965 . . . . $10.00
Demonstrates the excitement and significance of river craft used for passengers and for freight in the Civil War period of American history. (IFB) jh, sh
TRANSPORTATION; U.S.–HISTORY: CIVIL WAR

Stickhandling.
6 min, B&W, 1956 . . . . $3.00
Demonstrates the correct method of holding and manipulating the stick to control the hockey puck. (Crawley Films; IFB) sh, c
SPORTS; WINTER SPORTS

Stigma.
20 min, B&W, 1958 . . . . $5.00
Shows a young woman who suffers a mental breakdown, recovers fully in a hospital and returns to her former environment where she is virtually ostracized. (NFBC; IFB) c, a
PSYCHOLOGY; SOCIOLOGY

Stinging-Celled Animals: Coelenterates.
17 min, B&W, 1962 . . . . $4.00
17 min, Color, 1962 . . . . $8.00
Describes the characteristics of the phylum Coelenterata, including fresh and salt water examples; shows the typical coelenterate body plan; and provides examples of the three classes of coelenterates. (EBEC) sh, c
BIOLOGY; MARINE BIOLOGY

Stone Age Americans.
21 min, Color, 1970 . . . . $10.00
Introduces the vanished Indians of the Mesa Verde in Colorado. After thirteen centuries of development these Indians disappeared, probably because of the drought in 1275, but the setting of their life remains in Soda Canyon of the Mesa Verde, where their cliff dwellings were discovered in 1888. The film presents the history of these farmer Indians by examining the cliff dwellings and artifacts discovered in them. Useful for upper elementary or junior high grades for enrichment or as the basis for a unit of study. The film will also be of interest to high school and adult groups for discussion, research or writing. (ABCTV; IFB) jh, sh, c
INDIANS OF NORTH AMERICA; U.S.–HISTORY

Stone Soup.
11 min, Color, 1955 . . . . $7.00
An old French folk tale reveals a clever trick used by three soldiers who request food and lodging of a selfish group of peasants. Lovely drawings present an amusing panorama of village life during Napoleon's time. (Weston Woods) el
CHILDREN'S FILMS; STORIES

Story, A Story.
10 min, Color, 1973 . . . . $7.00
The flavor of African languages, customs and life styles from which these Caribbean folk tales of how Anause, the Spider Man, bought children's stories from Nyame, the Sky God, is captured in wood cuts in this film. (Weston Woods) el, jh
CHILDREN'S FILMS; FOLKLORE

Story About Ping.
10 min, Color, 1957 . . . . $7.00
A poor little Chinese duck, afraid of being spanked, incurs the sympathy of young readers who follow his narrow escapes and delight in his safe homecoming. (Weston Woods) el
CHILDREN'S FILMS

Story of a Storm.
10 min, B&W, 1950 . . . . $3.50
This film directs attention to patterns which storms follow. Characteristic changes in clouds, winds, barometers and other weather guides are pointed out in relation to clear and stormy weather. By animation, storm centers are located and their movements are indicated, and brief scenes of the work of weather information bureaus are shown. (Coronet) jh, sh, c
ATMOSPHERE; WEATHER

Story of Bananas.
11 min, B&W, 1947 . . . . $3.50
Tells the story of how bananas are grown and shipped. Shows the testing of the soil, laying out a plantation, planting, cultivation, growth, preparation for cutting, transporting, inspection, and loading into refrigerator ships. (Pan American Union; IFB) jh, sh, a
COMMERCE

Story of Christopher Columbus.
15 min, B&W, 1948 . . . . $4.00
15 min, Color, 1948 . . . . $8.00
Re-enacts the events leading to the discovery of America by Columbus. Portrays Columbus' life from boyhood to the time he landed on San Salvador. (EBEC) el, jh, sh
EXPLORERS; U.S.–HISTORY

Story of Coffee.
11 min, B&W, 1947 . . . . $3.50
Tells the story of how coffee is grown in Brazil. Shows planting, transplanting, growth, developing of the berries, harvesting, processing, and bagging. Then shows the Santos Coffee Exchange sampling and testing, and loading into ships. (Pan American Union; IFB) jh, sh, a
BRAZIL; COMMERCE

Story of Politics.
25 min, B&W, 1952 . . . . $5.00
A 1952 News Report discusses the Gallup Poll, its operations, and its influences on the upcoming presidential election. (McGraw-Hill) c, a
U.S.–HISTORY: 1898-

Story of Illumination.
11 min, Color, 1966 . . . . $7.00
This story of man's attempts to light his world ranges from the flickering flames of prehistoric times to the cool light of today's

electroluminescent materials. Antique lamps are rekindled and experiments are reenacted to show how man learned the nature of chemical combustion, electricity, incandescence and luminescence and applied this knowledge in his constant search for more efficient light sources. (Coronet) el, jh
LIGHT

Story of Light.
10 min, Color, 1954 . . . . $3.50
This film traces the historical development of light from the early use of fire to our present-day electric lamp, and utilizes puppetry and excellent color photography to present the story of light and the part it plays in modern life. (GE) el, jh, sh, c, a
LIGHT

Story of Prehistoric Man.
10 min, B&W, 1953 . . . . $3.50
Offers a visual description of the life, appearance, habitat and achievements of prehistoric man as reconstructed from authentic evidence: prehistoric tools and weapons, cave paintings and stone carvings, and skeletal remains. The periods of the Old and New Stone Ages are indicated and the geographical areas in which prehistoric man lived are mapped. (Coronet) jh, sh, c
ANTHROPOLOGY; HISTORY, ANCIENT (4000 B.C.–A.D. 476); EUROPE–HISTORY: TO 476

Story of Television.
15 min, B&W, 1961 . . . . $3.50
This film story provides a clear explanation of how television cameras and receivers operate, and offers also an informative review of television development from 1939 telecasts to the present. A special color sequence is added to this black and white film to explain color TV processes, and the future expansion of color telecasting is predicted. (RCA) jh, sh, a
ELECTRONICS; TELEVISION

Story of the Bloodstream, Part I (The Heart and Circulatory System).
29 min, Color, 1957 . . . . $13.00
The valve action of a beating human heart is studied, and the nature of the circulatory system is explained, including a microscopic examination of a capillary bed. We see a heart stopped as a machine takes over the function of heart and lungs during surgery. (Moody Institute of Science) jh, sh, c
MEDICINE; PHYSIOLOGY

Story of the Bloodstream, Part II (The Red Blood Cell).
24 min, Color, 1957 . . . . $10.00
A microscopic study of the blood cells, particularly the chemical processing plant of the red cells. The rate of blood circulation is traced by tagged radioactive atoms. (Moody Institute of Science) jh, sh, c
CELLS; MICROBIOLOGY; PHYSIOLOGY

Story of the Bloodstream (2nd Edition).
24 min, Color, 1968 . . . . $10.00
The circulatory system supplies each of the 30 trillion (30 x 10^{12}) cells of the human body with fuel, with oxygen to burn the fuel and it carries off the waste products as well. Some of the amazing components of this system are studied in detail; the red cell as it performs its seemingly chemical magic, the white cell in its clean-up function, capillaries so tiny the blood cells go through in single file. The action of the aortic and mitral valves of a human heart is dramatically revealed by the cardiac pulse duplicator. The determination of the optimum shape for a red cell, as it relates to its respiratory function, is referred to a computer. The familiar biconclave shape is confirmed as ideal for the job. (MIS) jh, sh, c
CELLS; MICROBIOLOGY; PHYSIOLOGY

Story of Time.
10 min, Color, 1951 . . . . $7.00
A film of unusual beauty and design. The story of time from hour-shadows to the self-winding watch is told by colorful models and animation. Music composed for this pictorial narrative is played by the London Symphony Orchestra. (Rolex Watch Co.) el, jh, sh, c, a
TIME

Storytelling: Can You Tell it in Order?
10 min, B&W, 1953 . . . . $3.50
A clown and a game help children to recall sequences of events in their proper order. The film shows how events in order "make sense," how events told out of order "don't make sense," and relates these concepts to good storytelling. Children will be encouraged to try their own game of "What Happened First." (Coronet) el
EDUCATION–METHODS; ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Strands Grow.
15 min, Color, 1950 . . . . $8.00
The film uses fossil remains and other prehistoric relics to make the point that communities of plants and animals have existed on earth only to be replaced by others when they have failed to adjust to changes in their environment. The development of the climax forest is shown in detail to emphasize the significance of a state of balance, which is symbolized by the web of life. (EBF) jh, sh, c, a
ADAPTATION (BIOLOGY); NATURAL RESOURCES

Strange Case of the English Language.
48 min, B&W, 1968 . . . . $9.50
Shows the idiosyncrasies of the English language, as it is spoken and written today through film clips of noted public figures. Interviews with various language experts are featured. (Award Winner) (CBS News; BFA) sh, c, a
ENGLISH LANGUAGE

Stream.
15 min, Color, 1963 . . . . $8.00
Describes the interrelationships among aquatic plants and animals comprising the numerous food chains in stream environments. (IFB) jh, sh, c
BIOLOGY–ECOLOGY; BOTANY–ECOLOGY

Street of the Flower Boxes.
48 min, Color, 1973 . . . . $19.00
This film based on actual events, demonstrates that humanity and concern among ethnically diverse neighbors can develop a sense of community. It takes place on one of the worst streets in New York City, and focuses on a young boy's efforts to go into the "flower box business." (NBC) el, jh, sh, a
COMMUNITY LIFE; SOCIAL CONDITIONS

Stress.
11 min, B&W, 1961 . . . . $3.50
This film introduces Dr. Hans Selye of the University of Montreal, whose revolutionary theory of stress has made an outstanding contribution to medical knowledge. Dr. Selye explains the nature of "stress" as a general alarm reaction through the pituitary and adrenal glands, set off by an attack on the body such as disease, injury or mental pressure. (McGraw-Hill) c
DISEASES; MEDICINE; MENTAL HEALTH

Stretching a Buck: Buying Food.
30 min, B&W, 1972 . . . . $3.50
Only a well informed consumer can "stretch his buck" at the grocery store and yet give the family well balanced nutritious meals. Best buys, making use of FTC new trade regulations on "advertised specials," family preferences, the basic four and "Bait and Switch" are discussed in this marketbasket. (UConn) sh, c, a
CONSUMER EDUCATION

Stretching a Buck: Buying A Used Car.
30 min, B&W, 1972 . . . . $3.50
Answers the question: How do I know how much car I can afford? How do I select a dealer? What are the 'right' questions to ask when selecting a used car? How do I shop for credit? How do I read an installment contract? (UConn) sh, c, a
CONSUMER EDUCATION

Stretching A Buck: Credit.
30 min, B&W, 1972 . . . . $3.50
Presents an overview of credit–what it is, how to use it, where to shop for credit, credit records, credit contracts, credit cards. Emphasis is given to the Fair Credit Reporting Act. Finance charge and annual percentage rate are also stressed. (UConn) sh, c, a
CONSUMER EDUCATION

Stretching A Buck: Food Stamps.
30 min, B&W, 1972 . . . . $3.50
Addresses itself to the eligibility and use of food stamps, where and how to get them, and the consumers' legal rights and responsibilities related to food stamps. (UConn) sh, c, a
CONSUMER EDUCATION

Stretching A Buck: Making My Money Stretch.
30 min, B&W, 1972 . . . . $3.50
Examines a typical low income budget and discusses the paying of bills, developing a spending plan, what to do and where to go if money problems arise. (UConn) sh, c, a
CONSUMER EDUCATION

Striking Against Objects.
3 min, Color, 1973 . . . . $6.00

This film depicts ways workers may injure themselves in striking-against-objects accidents. (IFB) a
SAFETY EDUCATION

Studies in Bacteriology: Classification, Motility and Cell Division.
18 min, si, B&W, 1953 . . . . $3.50
Shows by cinephotomicrography and explains by captions the characteristics of five families of bacteria: Azotohacteriaceae, Micrococcaceae, Enterobacteriaceae, Bacillaceae, Athiorhodaceae; the motility of monotrichous, amphitrichous and peritrichous bacteria; and the process of cell division of spherical and rod-shaped bacteria. (USPHS) c
MICROBIOLOGY

Studio Teacher.
47 min, B&W, 1965 . . . . $8.00
Explains in simple, non-technical language the equipment and operations that are employed in the production of an instructional television lesson. (University of Michigan; Great Plains National TV Library) c, a
EDUCATION–METHODS; TELEVISION

Study Skills for Beginners.
11 min, Color, 1969 . . . . $7.00
A class prepares for a transportation exhibit by taking notes, using special help in books, getting assistance and completing the work on time. (Coronet) el
STUDY SKILLS

Styles of Leadership.
25 min, B&W, 1962 . . . . $5.00
Contrasts four different approaches to organizational leadership. To allow for follow-up discussion, the question, "Which method is best?" is left unanswered. (Roundtable Productions) c, a
BUSINESS; COMMUNICATION; PERSONNEL MANAGEMENT

Subtraction for Beginners.
11 min, B&W, 1965 . . . . $3.50
We use subtraction to compare sets and find out what the difference is. The subtraction problems are illustrated both with sets and with numerals. The minus, equals, and inequality signs and the place holder are explained. The number line is used and the importance of subtraction facts and the concept of subtraction as the inverse of addition are stressed. (Coronet) el
ARITHMETIC

Succession on Lava.
14 min, Color, 1970 . . . . $8.00
Illustrates the aftermath of a volcanic eruption and the difficulties overcome by the life forms that reappear on the lava flow. Shows the many stages of succession required to establish a mature biotic community. (EBEC) jh, sh, c
GEOLOGY; SCIENCE, GENERAL

Succession–From Sand Dune to Forest.
16 min, Color, 1961 . . . . $8.00
Succession is the process by which a given area changes slowly and continuously until it finally becomes a stable community. This film, shot at the southern end of Lake Michigan, shows one of the earliest and most thoroughly studied examples of this process, emphasizing the general principles involved and showing many interesting details. (EBF) sh, c
ECOLOGY; FORESTS AND FORESTRY

Suez Canal: Gateway to World Trade.
11 min, B&W, 1963 . . . . $3.50
This film reviews the history of the Suez Canal, the exciting story of its construction, the bitter political conflicts over its control, and its development as a vital link in world trade. To show the problems involved in operating and maintaining the canal, the film follows a ship on its twelve-hour journey from Port Teffik to Port Said. (EBF) el, jh, sh
EGYPT; SHIPPING; EUROPE–HISTORY: 1789-1900

Suffer the Little Children.
53 min, Color, 1972 . . . . $19.00
A graphic examination of the situation in Northern Ireland. Focuses on the pervasive and permanent hatred that has developed between the Catholic and Protestant Groups and what that hatred is doing to their children. (NBC) jh, sh, c, a
IRELAND, SOCIOLOGY

Suicide Clinic: A Cry For Help.
28 min, B&W, 1969 . . . . $6.50
A suicide attempt is really a cry for help, sympathy, and understanding and the suicide clinic offers an outlet through which people may talk out their problems. Most suicide attempts come during a crisis and then the person completely recovers – usually never to think again about suicide. It is brought out that suicides cross all socio-economic levels and that these individuals are not necessarily less stable emotionally. Suicide is usually linked with long term depression involving love, work, or physical illness. Therapy and the need for recognition of suicidal persons are also looked at in this film. (NET) sh, c, a
MENTAL HEALTH; PSYCHOLOGY

Sulfur and its Compounds.
14 min, Color, 1962 . . . . $8.00
Using molecular models, animation, and time-lapse photography, this film demonstrates the chemical and physical properties of sulfur, including the formation of its allotropic forms. The film describes the Frasch process and emphasizes the importance of sulfur and its compounds, especially sulfuric acid, in modern industry, medicine and agriculture. (Coronet) sh, c
CHEMISTRY, INORGANIC

Sulfur: Its Physical States and Properties.
9 min, Color, 1971 . . . . $6.00
Describes the remarkable variety of physical states and properties of sulfur. Explains them in terms of atomic and molecular structure, indicating effect of temperature changes and time that elapses during changes. (EBEC) sh, c
GEOLOGY

Summer on the Farm.
10 min, Color, 1948 . . . . $7.00
A full-color film showing all the beauties of nature...all the fun and work of a farm in summertime. Joan and Jerry Johnson watch them all on their father's farm. (EBF) el
ANIMALS–HABITS AND BEHAVIOR; FARM LIFE

Supreme Court.
20 min, B&W, 1954 . . . . $5.00
Discusses the history and function of the Supreme Court. Under the guidance of the great John Marshall, the Court gained recognition of its power to determine the constitutionality of federal and state laws. Points out how the Court bears on the welfare of all citizens and indicates the procedure by which its decisions are made. (EBF) jh, sh, c
LAW; U.S.–GOVERNMENT

Surinam–A Song of Democracy.
28 min, Color, 1973 . . . . $13.00
This film explores the background, customs and present-day occupations of the many ethnic groups which now make up the population of this Dutch commonwealth located on the northeastern coast of South America. (IFB) jh, sh, c
SOUTH AMERICA

Surrealism.
24 min, Color, 1972 . . . . $10.00
The mysterious faces of Surrealism are studied in the works of such artists as Ernst, Klee, Miro, Tanguy, Magritte and Dali. (IFB) sh, c
ART–MODERN

Surveillance: Who's Watching?
60 min, B&W, 1973 . . . . $10.00
This documentary presents a detailed and on-the-scene investigation of political surveillance and harassment of individuals with a major focus upon the activities of the Chicago Police Department's "Red Squad." Interviews are conducted with persons who have been affected by surveillance, government officials, and former FBI agents. The dissemination of information about private citizens by the FBI, city police departments, and other agencies is examined. Members of the film crew give an account of their own harassment and jailing by the Chicago Police Department. (NET) sh, c, a
SOCIAL PROBLEMS

Susan B. Anthony.
19 min, B&W, 1951 . . . . $5.00
Retells the story of Susan B. Anthony's work, highlighting her activities in organizing the women's temperance movement, in obtaining property rights for women; in short, in having women recognized as citizens. Re-enacts her trial in which she unrelentingly states her case. (EBF) el, jh, sh
SOCIAL SERVICE; U.S.–HISTORY: 1898; U.S.–BIOGRAPHY

Switzerland–Life in a Mountain Village.
14 min, Color, 1963 . . . . $8.00
Depicts the beautiful yet rugged geography of rural Switzerland, and features the way of life in the small Swiss village of Evolene. Introduces the many seasonal activities in one village family. Shows their home life, recreation, farm work including the pasturing of the cows and cheese-making, school work and other

traditional activities within the community. (EBF) el

SWITZERLAND

Sylvia, Fran and Joy.

25 min, B&W, 1973 . . . . $5.00

Three young women voice their feelings about the role of wife-mother-housekeeper: Sylvia who shares responsibilities with her husband, Fran in transition, Joy the traditionalist. (Churchill) jh, sh, c, a

WOMEN'S STUDIES

Symmetries of the Cube.

14 min, Color, 1971 . . . . $8.00

The symmetries of a square are exhibited as products of reflections. The film then studies the octahedral group (symmetries of the cube and the octahedron) via reflections produced by an octahedral kaleidoscope, and shows how the construction of these kaleidoscopes is related to the cube and the octahedron. (NSF; IFB) sh, c

GEOMETRY; MATHEMATICS

Symphony Orchestra.

14 min, B&W, 1956 . . . . $4.00

Two Wagnerian compositions are featured in this film: the "Ride of the Valkyries," and the Prelude of Act III of the opera "Lohengrin." The work of the conductor, Mr. Howard Barlow, is caught by unique camera angles as he interprets these brilliant scores through his orchestra of Philharmonica players. (EBF) jh, sh, c

MUSIC; SYMPHONY

Symphony Sound with Henry Lewis and The Royal Philharmonic.

27 min, Color, 1970 . . . . $13.00

Henry Lewis, Music Director of the New Jersey Symphony and guest conductor with the famed Royal Philharmonic of London, talks about the unique sounds of the symphony orchestra and conducts the orchestra in examples from many periods and composers. (LCA) jh, sh, c, a

MUSIC–ANALYSIS, APPRECIATION; SYMPHONY

Synthesis of an Organic Compound.

22 min, Color, 1965 . . . . $10.00

The film shows the synthesis of 2-butanone, a ketone from 2-butanol, an alcohol, as an example of a common type of organic synthesis. It discusses three basic steps: synthesis, purification, identification. In the synthesis, 2-butanol is oxidized by sodium dichromate and sulfuric acid to yield 2-butanone. Purification is accomplished by solvent extraction, followed by distillation of the 2-butanone. The identity of the product is established by forming a solid derivative of the 2-butanone and determining its melting point, and is confirmed by infrared spectroscopy. (Chem Study Films; MLA) sh, c

CHEMISTRY, ORGANIC

T

Take This Woman.

25 min, Color, 1971 . . . . $10.00

This study of equal employment opportunity for women cites examples to show that women have been denied promotional, career and educational opportunities. It questions the talents and energies of over half the population not being used to their fullest potentials. (NBC) jh, sh, c, a

SOCIAL CONDITIONS; WOMEN'S STUDIES

Tale of the Fiords.

12 min, B&W, 1955 . . . . $3.50

In this remarkable motion picture story, photographed by Arne Sucksdorff, a Norwegian girl escapes from her everyday tasks to explore the rugged beauty of her mountain home. Its imaginative treatment will stimulate creative writing at all grade levels, and will provide unusual insight into the life of a Norwegian farm family. (EBF) el, jh, sh

NORWAY; STORIES

Tara, The Stonecutter.

8 min, Color, 1962 . . . . $6.00

Adapted from a Japanese folk story this multi-award winning, animated film is visually based upon the authentic Japanese prints of Uta Maru. (AIMS) el, jh

CHILDREN'S FILMS; FOLKLORE

Teach Me How I Can Do It Myself.

29 min, Color, 1971 . . . . $13.00

Documents the philosophy and practices of the Montessori method of elementary education. (IFB) c, a

EDUCATION, ALTERNATIVE

Teachers of Tomorrow.

11 min, Color, 1971 . . . . $7.00

Deals with the role of the teacher as a person interested in his students, and also shows the dramatic changes taking place in education–changes that will enable the teacher of tomorrow to devote more time to the learners of tomorrow. (AIMS) sh, c, a

EDUCATION

Teaching: A Question of Method.

6 min, Color, 1964 . . . . $6.00

Depicts a teacher in a classroom situation leading youngsters to question existing beliefs and practices and shows what might happen when parents disagree with the method. (Horizon Productions, IFB) c, a

EDUCATION–METHODS

Teaching Machines and Programmed Learning.

29 min, B&W, 1961 . . . . $6.50

In this survey film, Skinner, Lumsdaine, and Glaser, all well known self-instruction authorities, explain and illustrate teaching machine programs and related processes. (NEA; UWF) c, a

EDUCATION–METHODS; EDUCATION–STUDY AND TEACHING

Teaching Social Science with the Overhead Projector.

11 min, Color, 1964 . . . . $7.00

Depicts the various ways the 3M copy machine and the overhead projector can be utilized in teaching the social sciences. Illustrates the limitations to the use of existing visuals in texts and elsewhere and shows how many of these limitations can be overcome by the use of the overhead projector. (3M Company) c, a

AUDIOVISUAL EQUIPMENT–OPERATION AND MAINTENANCE; EDUCATION–METHODS

Teaching the One and the Many.

28 min, Color, 1968 . . . . $13.00

The setting is a rural junior-senior high school. The action is in the Individualized Learning Center, illustrating how the faculty and the student body of 180 utilize men, media, and machines. Much of the modern technology (or 'hardware') currently available to schools is reviewed, but major emphasis is on the development of 'software'–films, filmstrips, programmed materials, video tapes, teaching kits. Many of the ideas examined here for improving instruction in this small school are pertinent also to large city schools. (NEA) c, a

AUDIOVISUAL MATERIALS–UTILIZATION; EDUCATION–METHODS

Techniques of Food Measurement.

12 min, Color, 1970 . . . . $7.00

This film illustrates the basic techniques of measuring dry and liquid ingredients. Emphasis is placed on use of standard measuring cup and measuring spoons. (AIMS) jh, sh, c, a

COOKERY; HOME ECONOMICS

Techniques of Non-Verbal Psychological Testing.

20 min, Color, 1965 . . . . $10.00

Shows many kinds of non-verbal psychological tests being given to children of various ages by a clinical psychologist at Los Angeles Children's Hospital. (CARL J. ROSS; IFB) c, a

PSYCHOLOGY

Teens.

26 min, B&W, 1959 . . . . $6.50

This film shows the normal behavior of three teenagers in the everyday life of an urban middle-class family. Barry at 14 thrives on vigorous activity with his gang, while his 13-year-old brother, Timmy, still needs a certain amount of solitude or a hobby shared with a congenial pal. Joan at 15 is well on the way to maturity, although still looking to her mother for emotional support. This film shows the active interest and sympathy required of parents to help teenagers become adult in their behavior and personalities. (McGraw-Hill) c

ADOLESCENCE; FAMILY; SOCIAL ADJUSTMENT

Teeth Are to Keep.

10 min, Color, 1950 . . . . $7.00

Stresses the elements of teeth care, in an interesting style for the primary level. The film is in clever animation technique, centered about a picnic, and the preparation for it by various members of a family. Stong motivation for proper care of the teeth is built into the film. (EBF) el

TEETH; HYGIENE

Teeth: Their Structure and Care.

11 min, Color, 1962 . . . . $7.00

By means of animation this film shows the functions of various teeth, the structure of a tooth, and how decay spreads. Students are motivated to proper dental care as a means of ensuring dental

health. (This film was produced with the assistance of the staff of the American Dental Association.) (Coronet) jh, sh
TEETH; HYGIENE

Television: A Political Machine.
14 min, B&W, 1968 . . . . $4.00
Old-time political campaigning has clearly been changed with the advent of extensive television coverage of campaigns. The use of television by the candidates running in the 1968 Indiana presidential primary is the occasion for this examination of how politics are affected by a mass medium. Attention is given to the candidate as a television personality, the role of newcasts, and the character of paid political announcements which in many ways resemble news reports. (NET) sh, c, a
COMMUNICATION; MASS MEDIA; TELEVISION

Television: Line by Line.
11 min, Color, 1970 . . . . $7.00
Uses animation to explain the principles of television. (Institut fur Film und Bild; IFB) jh, sh, c, a
MASS MEDIA; TELEVISION

Television Techniques for Teachers.
24 min, Color, 1966 . . . . $10.00
Instructional television: how it is introduced into a school system, partial acceptance by teachers, scheduling programs, previewing, and integrating the televised lessons into daily lesson plans. (Frommer; Great Plains National ITV Library) c, a
EDUCATION–METHODS; TELEVISION

T.E.L.L.–Techniques in Early Language Learning
17 min, Color, 1971 . . . . $8.00
Describes a developmental pre-school language curriculum based on environmental assistance that attempted to stimulate, increase, and improve the expressive aspects of two-year-old children's language functioning. (AIMS) c
EDUCATION–METHODS

Temperate Deciduous Forest.
17 min, Color, 1962 . . . . $8.00
Illustrates the complex network of plant and animal relationships that make up the temperate deciduous forest community. Shows typical deciduous forest plants and animals and their adaptations to seasonal change. The full yearly cycle of spring, summer, autumn, and winter is shown through the use of time-lapse, photomicrography, and live photography. (EBF) sh, c
ECOLOGY; FORESTS AND FORESTRY; SEASONS

Tenement.
40 min, B&W, 1967 . . . . $8.00
Presents a sharp portrayal of a Chicago slum dwelling and the people who live there. Some of the residents are ground down, worn to dull stupefaction. Others are poignantly articulate as they express their dreams of a "richer, sweeter life out there–beyond reach–beyond hope." In a few there is a streak of nobility; these are the mothers who war daily against despair and strive fiercely to keep their children in school. The film is a searing indictment of a culture which permits human beings to live in such squalor. (CBS; Carousel Films) sh, c, a
HOUSING; SOCIAL CONDITIONS; SOCIAL PROBLEMS

Tennis Grips and Strokes.
11 min, B&W, 1966 . . . . $3.50
Demonstrates forehand and backhand drive, serves, backhand volley, and the overhead smash. Slow-motion, hold frames, and identification titles help to clarify concept. (Ellis Slack, BFA) el, jh, sh, c, a
TENNIS

Terra Sancta: A Film Of Israel.
31 min, Color, 1969 . . . . $13.00
An Israeli citizen pauses to look at his country and sees 4000 years of history, which included the birth of three great religions. Most important, however, he sees the people of Israel, those who have come to this country to find a new life and those who were born here and are the hope for the nation's future. (IFB) sh, c, a
HISTORY; ISRAEL

Terre D'Alsace.
12 min, Color, 1962 . . . . $7.00
Alsace is a picturesque province rich in natural resources. The film explores Strasbourg, the seat of Europe's present cooperative economy, and provides a close-up of a hardworking family of farmers. French narration. (USOE; MLA) el, jh, sh, c
FRENCH LANGUAGE; FRANCE

Terrible Twos and the Trusting Threes.
20 min, B&W, 1951 . . . . $5.00
This film documents typical behavior characteristics of children in these age groups, and points out how patience and understanding facilitate physical, social and emotional growth. (NFBC; McGraw-Hill) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PARENT AND CHILD

Textiles and Ornamental Arts of India.
11 min, Color, 1955 . . . . $17.00
Color, sound, texture, poetry and rhythm come together in this film interpretation of an exhibition at the Museum of Modern Art. As the narration discusses the significance of color in Indian textile design, the camera moves quickly over the articles on exhibit, capturing their brilliance and variety. Here are textiles, bronze and iron sculpture, jewelry, brightly painted dolls, and simple, but beautiful household utensils. (EAMES; EBEC) jh, sh, c
ARTS AND CRAFTS; INDIA

Thailand, Land of Rice.
14 min, Color, 1957 . . . . $8.00
Covers the city of Bangkok to the fertile river valley in which abundant rice crops are produced. (EBEC) jh, sh, c
ANTHROPOGEOGRAPHY–FAR EAST

That The Best Will Be Ours.
18 min, Color, 1971 . . . . $3.50
Traces the growth and development of the Nation's meat and poultry inspection program. Covers processing and labeling requirements and inspection controls. Contains consumer information on best buys and meat handling precautions. NOTE: Available in either English or Spanish sound track. Please specify when ordering. (USDA) jh, sh, c, a
CONSUMER EDUCATION

Then It Happened.
11 min, Color, 1948 . . . . $3.50
A documentary account of the 1947 Maine forest fires which caused losses of upwards of 30 million dollars in property and natural resources and left ruin and desolation in their wake. (USDA) el, jh, sh, c, a
CONSERVATION; FORESTS AND FORESTRY

Theobald Faces the Facts.
13 min, Color, 1960 . . . . $3.50
Straightforward presentation of facts revealing the inaccuracy of mythical fancies concerning the effects of beverage alcohol. Animation and audience-participation techniques are used in this film. (WCTU) jh, sh
ALCOHOLISM

Theories On The Origin Of Life.
14 min, B&W, 1970 . . . . $4.00
14 min, Color, 1970 . . . . $8.00
Presents four theories on the origin of life: special creation, spontaneous generation, cosmozoic, and evolutive. Designed to encourage students to discuss the evidence, to question, to research. (EBEC) sh
ANTHROPOLOGY; EVOLUTION; RELIGION

Theory of Limits: Part I, Limits of Sequences.
34 min, B&W, 1963 . . . . $6.50
In this film the limit of a sequence is defined using the concept of an "advanced set." This notion is developed through a number of intuitive examples and then is stated with mathematical precision. (Mathematical Association of America) sh, c
MATHEMATICS

Theory of Limits: Part II, Limits of Functions and Limit Processes.
25 min, B&W, 1963 . . . . $5.00
The method of advanced sets is applied to define the limit of a real valued function. This definition becomes almost automatic because it is developed in a fashion analogous to the treatment of limits of sequences. The film continues with an application of this technique to the definition of an integral. (Mathematical Association of America) sh, c
MATHEMATICS

Theory of Limits: Part III, The Cauchy Criterion for Convergence.
13 min, B&W, 1963 . . . . $3.50
The use of the notion of an "advanced set" makes this presentation much more understandable than those which appear in most textbooks. (Mathematical Association of America) sh, c
MATHEMATICS

There's Nobody Else Like You.
14 min, Color, 1973 . . . . $8.00

Reveals that it is both natural and desirable that people have different appearances, interests and skills. Documents a trip to the zoo, a classroom discussion and the recreation of a school recess. (AIMS) el, jh
GUIDANCE, PERSONAL; HUMAN RELATIONS

They All Learn To Read.
20 min, B&W, 1956 . . . . $5.00
Documents the activities of a third-grade class under the guidance of their teacher through photography and recording under actual classroom conditions. (Syracuse Univ.; IFB) c, a
EDUCATION–METHODS; ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

They Get Rich From The Poor.
27 min, Color, 1970 . . . . $13.00
Many of the poor exist on dreams–of a fast buck, of escape from very real problems. Organized crime exploits these dreams and takes great sums of money out of the ghetto through gambling and narcotics sales. (NBC) jh, sh, c, a
CRIME AND CRIMINALS; SOCIAL PROBLEMS

Things A Teacher Sees.
19 min, Color, 1964 . . . . $10.00
Points out the value of teacher observation for detecting physical and emotional health problems of pupils. (UOKLA; IFB) c, a
EDUCATION

Things Expand When Heated.
11 min, B&W, 1961 . . . . $3.50
Designed as one of the Elementary Science series, this film demonstrates by animation and simple photography the movements of molecules before and after heat is applied, showing that their accelerated movement requires more space and therefore causes expansion and contraction. (McG) el
HEAT; SCIENCE, GENERAL

Think Like A Mountain.
27 min, Color, 1970 . . . . $3.50
Uses folk songs to emphasize the plight of endangered species. Urges the viewer to adopt an attitude of conservation and reverence towards these species. Cites the destruction of the Condor, Timberwolf and Buffalo and the resultant damage to the system of checks and balances in the ecological chain. (USDA) el, jh, sh, c, a
ECOLOGY; WILDLIFE–CONSERVATION

This Child is Rated X.
53 min, Color, 1971 . . . . $19.00
Examines the inequities of juvenile justice and the abuse of children's rights in America. (Martin Carr; NBC) sh, c, a
CRIME AND CRIMINALS; JUVENILE DELINQUENCY; SOCIAL PROBLEMS

This Is High School.
14 min, Color, 1972 . . . . $8.00
Typical high school scenes are shown and the film "tells it like it is," allaying common fears and anxieties and presenting high school as a challenging, new, adult world. (EBEC) jh, sh
GUIDANCE, EDUCATIONAL

This is Marshall McLuhan: The Medium is the Message.
53 min, Color, 1968 . . . . $19.00
This film is a graphic exploration of the ideas of Dr. McLuhan and presents reactions to his controversial theories. The film clarifies through discussion and visual interpretation the observations of a provocative and broadly influential thinker in the field of communications. The film story includes treatments of such ideas as: *the medium is the message; media are extensions of man; new patterns of thought are required by new realities; and that artists have, in their forms of expression, forecast vast changes in human outlook;* to mention just a few. This is an NBC television film of highly dynamic character with Marshall McLuhan as the communicator. (NBC; McGraw-Hill) sh, c, a
COMMUNICATION

This Is New York.
12 min, Color, 1962 . . . . $7.00
About a young French boy's visit to New York City and his witty and informative reactions. (Weston Woods) el
CHILDREN'S FILMS

This is Pharmacy (The Edge of Decision).
27 min, Color, 1965 . . . . $3.50
This recruitment film is designed to show the many job opportunities which exist, today, in pharmacy in such areas as community and hospital pharmacy, pharmaceutical research, and manufacturing. Through the eyes of four recent graduates of a college of pharmacy, we see the job opportunities and satisfactions which await them in each of their chosen fields. The opportunities for professional service, growth, and advancement are many and varied in a challenging vocation. (National Advisory Commission on Careers in Pharmacy) sh, c
GUIDANCE, VOCATIONAL

This is Robert.
80 min, B&W, 1942 . . . . $10.00
Traces the development of an aggressive, "difficult" yet thoroughly appealing child from his early nursery school days to his first year in a fine public school. Clumsy, blundering, confused by varied adult pressures, Robert's violent and haphazard aggression is seen as a strong, defensive counter-attack on the whole world. His mother's steadying support and his teachers' firm, consistent and affectionate treatment bring him safely through the first adolescence of the preschool years. By showing ordinary situations as well as the recently developed "projective techniques" the film shows how every individual constantly reveals to the discerning observer his deep-lying needs and attitudes through the "language of behavior." (Vassar College) c
CHILD STUDY; CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

This Is The Home Of Mrs. Levant Graham.
15 min, B&W, 1970 . . . . $4.00
Strives for a balanced view of life in the depth of the inner city. Shows the effects of crowded housing, the difficult job market, alcohol and other problems of the urban ghetto; it captures the richness and variety of the culture, the personal relationships, and the music of the black community. (Multi-Award winner) (Pyramid Films) sh, c, a
BLACK AMERICANS; SOCIOLOGY

This Is Your Lung.
17 min, Color, 1966 . . . . $8.00
The essential facts about cigarette smoking and lung cancer. Demonstrates how cilia regularly subjected to irritants and tars of smoke are gradually destroyed. (Verity Films; IFB) sh, c, a
CANCER; PUBLIC HEALTH

This Land Is Ours.
28 min, Color, 1966 . . . . $3.50
Our land is vast and varied, rich and productive, but one-third of the privately-owned fields, pastures and woodlots suffer from abuse and neglect. Natural disaster each year strikes many thousands of highly productive farms. This film shows how land water resources are rebuilt and strengthened as individuals and communities utilize financial and technical help through the Agricultural Conservation Program (ACP), and describes special projects in New Mexico, New York, Minnesota, Oregon, South Carolina, Oklahoma, Ohio and Kentucky. Cleared for TV. (USDA) sh, c, a
AGRICULTURE; CONSERVATION

This Question of Violence.
69 min, B&W, 1968 . . . . $10.00
An in-depth report on the historical, social, and psychological factors that seem to underline violence in modern life. Psychiatrists discuss the problem of aggression, which often comes from neglect and deprivation, and how this leads to violence. The history of violence in the United States is traced from the pioneers' encounters with Indians to present-day urban upheavals, emphasizing that periods of dramatic social change have most often been associated with outbreaks of violence. The responsibilities of the mass media with respect to violence are also examined. (NET) sh, c, a
PSYCHOLOGY; SOCIAL CONFLICT; SOCIAL PROBLEMS; U.S.–HISTORY

This Union Cause.
22 min, Color, 1962 . . . . $3.50
A creative application of sound and photography to a series of paintings by John Gelsavage presents the history of the American Labor Movement. The film story ranges from the problems of the indentured servant in Colonial America, through the conspiracy trials of the Cordwainers, the rise of workmen's parties, the development of national unions, the formation of the Knights of Labor, to the 1955 merger of AFL-CIO. Free universal education; hours and conditions of employment; labor legislation; social, economic and political equality; and the role of government are among the topics dealt with. The positive aspects of unionism and labor's contribution to the well-being and democratic character of American society are emphasized. (United Auto Workers, AFL-CIO) sh, c, a
INDUSTRIAL RELATIONS; JOURNALISM; LABOR AND LABORING CLASSES

This Vital Earth–Living Earth Series–Part II.
11 min, Color, 1948 . . . . $7.00

Portrays both the beauty and logic of the balance in nature and the organization of the living community. Clearly explains the dependence of plants and animals on each other for survival and control. Reveals how man upsets the balance in nature by robbing the soil of hidden values; and illustrates the non-productiveness of soil deficient in certain minerals. (Conservation Foundation and New York Zoological Society; EBF) jh, sh, c
SOIL CONSERVATION; WILDLIFE–CONSERVATION

Thomas Jefferson.
20 min, B&W, 1950 . . . . $5.00
Presents a dynamic and vivid portrait of Thomas Jefferson the statesman, the diplomat, man of letters, and the progressive farmer. Points out his greatness as author of the Declaration of Independence, as Governor of Virginia, as Secretary of State, as Minister to France, as Vice President and President of the United States, and finally as "Father of the University of Virginia." (EBF) el, jh, sh
BIOGRAPHY; STATESMEN; U.S.–HISTORY: 1783-1900

Three By Martha Graham: Seraphic Dialog.
25 min, Color, 1955 . . . . $3.50
A performance by the Martha Graham Dancers dramatizing Joan of Arc at the moment of her exaltation. One of Miss Graham's most beautiful works. (H. R. Poindexter; Pyramid Films) sh, c, a
DANCE

Three Little Kittens.
11 min, B&W, 1953 . . . . $3.50
Provides a study of the characteristics and habits of cats and kittens. Traces the development and early experiences of three kittens from birth until they are taken from their mother. Depicts the mother as she cares for her babies, and follows the growth of the kittens as they play, climb, eat, and learn to care for themselves. (EBF) el
ANIMALS, DOMESTIC; ANIMALS–HABITS AND BEHAVIOR

Three Robbers.
6 min, Color, 1972 . . . . $6.00
Three fierce robbers terrify the countryside until they meet an orphan named Tiffany. Under her golden charm the robbers face the problem of what to do with the plundered treasure. They buy a castle and provide a home for all the abandoned children in the countryside. (Weston Woods) el
CHILDREN'S FILMS

Three Stone Blades.
16 min, Color, 1971 . . . . $8.00
This dramatization of an Eskimo legend of the Bering Strait region reconstructs aboriginal Eskimo customs and values concerning family, reciprocal sharing, shamanism and transmigration of souls. (Dorothy & Orville Goldner; IFB) jh, sh
ANTHROPOLOGY; FOLKLORE; MYTHOLOGY

Tied to the Sea.
14 min, Color, 1969 . . . . $3.50
Shows the type of outdoor recreation that proximity to the Pacific gives to people of the British Columbia coast and Vancouver Island. (Gray; CTF) el, jh, sh, c, a
CANADA

Tierra Mexicana.
22 min, B&W, 1949 . . . . $5.00
Uses photography, maps, and simple Spanish commentary and legends to present many phases of peasant life in Mexico. (IFB) jh, sh
MEXICO; SPANISH LANGUAGE

Ti-Jean Goes Lumbering.
16 min, Color, 1953 . . . . $8.00
A French Canadian folk tale presents the super-human exploits of Ti-Jean, a young boy who performed feats that dwarfed those of the hardiest lumberjack at a Quebec lumber camp. (NFBC; IFB) el, jh, sh
FOLKLORE

Tikki Tikki Tembo.
9 min, Color, 1974 . . . . $6.00
In this charming old Chinese fairy tale, we learn why Chinese parents today give their children little short names instead of great long names. (Weston Woods) el, jh
CHILDREN'S FILMS; STORIES; FOLKLORE; CHINA

Time for Burning.
58 min, B&W, 1968 . . . . $10.00
A young pastor attempts to build a bridge of understanding between his white, middle class congregation and members of the city's Negro ghetto in this powerful portrait of the American conscience struggling with the tensions created by the country's revolution in racial relationships. (Nominated for an Academy Award, 1968) (Lutheran Film Associates; McGraw-Hill) sh, c, a
HUMAN RELATIONS; SOCIAL PROBLEMS

Time for Decision (Alcoholism).
29 min, Color, 1967 . . . . $13.00
Shows dramatically the problem of the compulsive drinker, and how his family can find guidance in attaining a normal life, even though the alcoholic may continue drinking. (AIMS) sh, c, a
ALCOHOLISM

Time for Decision (Dutch Elm Disease).
30 min, Color, 1967 . . . . $13.00
Examines the various causes and effects of the Dutch elm disease. The value of the Dutch elm is considered from historical, scientific and beauteous viewpoints, and the problem of its possible extinction is viewed on municipal, state and scientific levels. Methods of disease acquisition, transmission, and identification are discussed and graphically presented. (Iowa State Univ.) jh, sh, c, a
BOTANY–ECOLOGY; FORESTS AND FORESTRY

Time for Rain.
8 min, Color, 1971 . . . . $6.00
Heightens awareness of rain as an important part of nature as viewers follow a young boy walking home from school in a shower. (EBEC) el
WEATHER

Time for Sun.
6 min, Color, 1971 . . . . $6.00
Extends the viewer's casual observations of day, night, heat, and shade into a closer investigation of the properties of sunlight and its importance to man and nature. (EBEC) el
SCIENCE, GENERAL; WEATHER

Time of Man.
50 min, Color, 1969 . . . . $19.00
Conveys man's position in the long chain of evolution with special emphasis on the problems of survival, pointing up man's natural connection with all living organisms. Utilizes film footage of rare animals and studies of various environmental adaptations by primitive men. (Metromedia; Holt, Rinehart & Winston) c, a
EVOLUTION; HISTORY, UNIVERSAL

Time of Wonder.
13 min, Color, 1961 . . . . $7.00
In poetic prose, and with memorable water color paintings, the author has used his unique verbal and pictorial genius to describe the wonders of nature on a Maine island. (Weston Woods) el
CHILDREN'S FILMS

Time Out Of War.
22 min, B&W, 1954 . . . . $5.00
Two Union soldiers and a Confederate soldier agree on a truce. They joke warily, fish, savor momentary peace. The idyl is broken when one snags his hook on a dead comrade. (Churchill) el, jh, sh, c
HISTORY; HUMAN RELATIONS

Time to Dance: Modern Ballet.
29 min, B&W, 1960 . . . . $6.50
Discusses and illustrates new trends and developments in ballet which began in the 1940's. Describes the changes in subject and mood which accompany this new dance form. Gives reasons for a retention of the traditional steps and positions of classical ballet. Presents excerpts from the ballet Pillar of Fire. Features choreographer Anthony Tudor and dancers Nora Kaye and Hugh Laing. (WGBH-TV; NET) c, a
DANCE

Titicut Follies.
85 min, B&W, 1967 . . . . N/C
Documents life in an institution for the criminally insane. (Award winner) (Frederick Wiseman; Grove Press Film Division) c, a (RESTRICTED TO CAMPUS USE)
PSYCHOLOGY

To A Baby Sitter.
14 min, Color, 1964 . . . . N/C
Follows a girl through an evening of babysitting. Emphasizing what she must do to be a satisfactory "substitute" parent. Also shows employer's obligations. (Alfred Higgins Prod.) jh, sh, c (RESTRICTED TO CAMPUS USE, COUNTY AGENTS, AND U. OF C. BRANCHES)
CHILDREN–CARE AND HYGIENE

To Be A Composer.
25 min, Color, 1970 . . . . $10.00

The composer of TO BE A COMPOSER is Lalo Schifrin, whose talents range from composing music for motion pictures and television to contemporary music for symphony and chamber groups. (Churchill) jh, sh, c

MUSIC

To Be A Conductor.

25 min, Color, 1970 . . . . $10.00

Features Michael Tilson Thomas, a brilliant young musician, who left as the film was finished to take an appointment as assistant conductor of the Boston Symphony. (Churchill) jh, sh, c

MUSIC

To Be Young, Gifted and Black.

90 min, Color, 1972 . . . . $20.00

A cast comprised of Ruby Dee, Al Freeman, Jr., Claudia McNeil, Barbara Barrie, Lauren Jones, Roy Schneider, and Blythe Danner pay tribute to Lorraine Hansberry in this play depicting the life and works of the late black playwright. Her most famous play, "A Raisin in the Sun," made her the youngest American and the first black playwright to win the New York Drama Critics Circle Award. Portrays Lorraine Hansberry's struggles from her first visit to the South, to the streets of Harlem. (NET) sh, c, a

AMERICAN LITERATURE; BIOGRAPHY; BLACK AMERICANS

To Lighten The Shadows.

21 min, B&W, 1963 . . . . $5.00

Shows techniques to be used in handling mentally retarded children, particularly during recreation and camping periods. (Southern Ill. Univ.; IFB) c, a

EDUCATION, SPECIAL

To Live Together.

32 min, B&W, 1950 . . . . $6.50

This film examines the American "race problem" through the eyes of a group of children. Deep insights are provided by the faithful recorded questions of the children and by the fragments of their rarely expressed thoughts which are brought to the surface in the narration. Since the film is designed to provoke discussion, much of its emphasis is on raising rather than answering questions. The film points out that if our children are to learn democracy, they must have a chance to live it. (Anti-Defamation League Seminar) c, a

HUMAN RELATIONS; SOCIAL CONFLICT

To Serve the Mind.

25 min, B&W, 1956 . . . . $5.00

This film shows the fundamental changes that have taken place in the treatment of mental illness in recent years. It follows the case of Dr. Andrew McLeod. Overtaxed and severely depressed, the doctor attempts suicide, and is taken to the psychiatric ward of a general hospital for observation. Some of the diagnostic techniques used to get at the underlying causes of a patient's breakdown are described. The film indicates the wide range of facilities available today when mental illness occurs. (McGraw-Hill; NFBC) c, a

MEDICINE; MENTAL HEALTH; PSYCHOLOGY

To Sleep . . . Perchance To Dream.

30 min, B&W, 1966 . . . . $6.50

Candid scenes filmed at the Sleep Laboratory of the University of California at Los Angeles document several investigations into the nature of sleep. The recording and interpretation of electrical impulses from a sleeping subject and the rapid eye movements during dreaming are shown. Experiments to determine the relationship of dreams to stomach secretions, the amount of time infants spend dreaming, and the effect of depriving a subject of his dreams are shown and explained. (NET) sh, c, a

FUTURE STUDIES; PSYCHOLOGY

To Speak Or Not To Speak.

11 min, Color, 1972 . . . . $7.00

This 16mm animated film produced by Raoul Servais is a timely, present-day statement on the apparent lack of knowledge of the majority concerning politics which shows how this lack of concern may endanger us all. (Raoul Servais; IFB) jh, sh, c

ALLEGORY; SOCIAL ETHICS

To Touch A Child.

30 min, Color, 1969 . . . . $13.00

The story of the community school concept as developed in Flint, Michigan, a program now adopted in part by over 400 other cities. (Centron) sh, c, a

EDUCATION–METHODS

Tobacco and the Human Body.

15 min, B&W, 1954 . . . . $4.00

An authentic report on the scientific results of modern research, evaluating the effects of the use of tobacco. The film analyzes the contents of tobacco smoke, demonstrates some of the psychological effects of smoking, and sums up the factors to be considered in deciding whether or not to smoke. (EBF) jh, sh, c

CANCER; DISEASES; SMOKING

Tobacco Problem: What Do You Think?

17 min, Color, 1971 . . . . $8.00

Presents historical perspective and timely data on the smoking habit and health risks. Although ad campaigns continue to glamourize smoking, researchers demonstrate that heavy smoking now is known to cause malignancies. (EBEC) jh, sh, c

HEALTH; SMOKING

Tomorrow's Government Today.

27 min, Color, 1964 . . . . $3.50

Points out the increasing complexity and scope of problems facing local governments as they attempt to meet the challenge of modern society. Dramatic treatment emphasizes the need for professionally trained personnel, working in teams, to provide effective municipal administration. (International City Managers Association; IFB) sh, c, a

MUNICIPAL GOVERNMENT; POLITICAL SCIENCE; U.S.–POLITICS

Tomorrow's Television: Get What You Want Or Like What You Get.

62 min, B&W, 1969 . . . . $10.00

The competitive struggle of cable television operators against the movie-theatre owner, commercial broadcaster, and the telephone company is examined in this film. Because commercial television must have advertising to finance programming, it wants programs which appeal to everybody. Cable television believes it can add diversity and produce alternatives to commercial programming and thus better serve the public interest. Opposing cable television are commercial broadcasters and movie operators, who try to equate cable TV with pay TV. Both seem to be afraid of losing their audiences. The Federal Communications Commission policies in the regulation of broadcasting are also examined. (NET) sh, c, a

FUTURE STUDIES; MASS MEDIA; TELEVISION

Tops.

8 min, Color, 1969 . . . . $17.00

Tops are among man's oldest and most popular toys. This unique and beautiful non-narrated film features a cast of 123 spinning tops from different lands. (EAMES; EBEC) el, jh, sh, c

ARTS AND CRAFTS

Tornado.

15 min, B&W, 1956 . . . . $3.50

A typical mid-western town falls in the path of destructive tornado. Scene of a tornado in action and some means of protective preparation are included. Weather conditions which may generate a tornado, Weather Bureau activity in charting these conditions and issuing alerts and warnings, and the work of local trained observers in reporting information are shown. (U.S. Department of Commerce) el, sh, c, a

WEATHER

Toward Careers in Agriculture.

19 min, Color, 1966 . . . . $3.50

The film describes the program of training received by students in plant science, animal science and agricultural mechanics. Possible avenues of agricultural employment in Connecticut are pointed out and student experience programs are explained. The role of the FFA, a national organization for Ag students, is also reviewed. (Conn. State Dept. of Ed.) jh, sh

AGRICULTURE; GUIDANCE, VOCATIONAL

Trail of the Forty-Niners.

11 min, Color, 1966 . . . . $7.00

In 1849, J. G. Bruff led the Washington Immigration Company across the continent by wagon train, and kept a daily diary, which he illustrated with some two hundred colored drawings. The film combines Bruff's words and pictures, highlighted by folk songs on the 49'ers to present a vivid first-hand account of a journey taken by thousands of hardy pioneers. (Americana Foundation, Inc.; Coronet) el, jh, sh, c

U.S.–HISTORY:1783-1900; U.S.–TERRITORIAL EXPANSION; FRONTIER AND PIONEER LIFE

Traffic Court.

14 min, Color, 1972 . . . . $8.00

An overview of traffic court procedures to familiarize the viewer with the process, the variables and the ramifications. (AIMS) sh, c, a

SAFETY EDUCATION

Trampoline Fundamentals.

11 min, B&W, 1961 . . . . $3.50

Shows the landing positions, aerial positions, front and back flips (with spotters), and combinations of these fundamentals which lead to a variety of advance stunts. Stresses safety measures and the need to practice each step until it is thoroughly learned. Slow-motion is used throughout the film. (Bailey, BFA) jh, sh, c
GYMNASTICS; PHYSICAL EDUCATION

Transportation: America's Inland Waterways.
13 min, B&W, 1955 . . . . $3.50
Scenes of activity on some of the most important lakes, rivers, and canals that form a network of transportation routes are combined with map animation to stress the importance of the inland waterways to our country's economy. The historical background of some of the major waterways and the kind of cargo carried on them are also presented. (Coronet) el, jh, sh
RIVERS; TRANSPORTATION

Transportation Around the World.
11 min, Color, 1969 . . . . $7.00
Relates geography in different places to forms of travel, and shows examples of primitive and complex means of transportation. (Coronet) el
TRANSPORTATION

Transportation by Freight Trains.
10 min, Color, 1968 . . . . $7.00
Gives the student a working knowledge of the different types of services provided by the modern trains of today and the equipment and men needed to carry out this important job. (AIMS) el, jh
TRANSPORTATION

Transportation by Helicopters.
10 min, Color, 1968 . . . . $7.00
Provides the student with a knowledge of the flight capabilities of the helicopter, awareness of its roles in transportation, and its role as a modern "workhorse" in various areas of our economy. (AIMS) el, jh
TRANSPORTATION

Transuranium Elements.
23 min, Color, 1963 . . . . $10.00
This film, produced in the Lawrence Radiation Laboratory at Berkeley, California, features four chemists who were principals in the actual discovery and identification of transuranium elements. Dr. Glenn Seaborg reviews the historical problems of the placement of the transuranium elements in the periodic table, and emphasizes that the new elements must be synthesized and identified. Dr. Burris Cunningham shows in experiments that neptunium, plutonium and americium can behave like uranium, but that curium behaves like its rare earth homolog gadolinium. Dr. Stanley Thompson demonstrates how the ion-exchange separation technique aids in identification, using actual solutions of curium, berkelium, californium, and einsteinium. Albert Ghiorso demonstrates the Hilac, and instrument used in making elements of very high atomic number. He discusses the methods which helped lead to the discovery of elements 102 and 103 and proposes a similar type of reaction which may lead to the discovery of element 104. (Chem Study Films) sh, c
CHEMISTRY

Trap of Solid Gold.
51 min, B&W, 1969 . . . . $9.50
Tells the story of a young executive caught in the trap of living beyond his income. (IFB) jh, sh, c
GUIDANCE, PERSONAL

Treasures in Snow.
7 min, Color, 1955 . . . . $6.00
Snow is shown to be one of nature's priceless treasures. It is a storehouse for water, a source of power for generating electricity and a source of recreation. Each snowflake is seen to be a jewel of crystalline perfection. Concepts of evaporation and condensation are graphically presented. (MIS) el, jh
SCIENCE, GENERAL; WEATHER

Treasures of Time: Oriental Art.
15 min, Color, 1963 . . . . $8.00
Shows many Chinese and Japanese works of art, including Buddhas, ceramic and pottery figurines for burial with the dead, equipment for pet crickets, furniture, wall hangings, scrolls, vases, jewelled gold and silver ornaments, movable screens and wood sculpture. (Horizn. Prod.; IFB) sh, c, a
ART, CHINESE

Treasures of Time: Painting.
15 min, Color, 1963 . . . . $8.00
Points out that much can be learned about history by studying paintings. Shows examples from cave paintings, Egyptian wall paintings, painted pottery, illuminated books, and the many media, applied to many surfaces in more recent times. Explains that an artist tells a story with a painting just as a writer tells one with words. A group of children with an art museum guide look at landscapes, seascapes, and still lifes. They learn that each generation of painters is likely to use imagination and technique in a different way, even though the subject matter may remain the same. (Horizon Productions; IFB) sh, c, a
ART; PAINTING AND PAINTINGS

Treasures of Time: Sculpture.
15 min, Color, 1963 . . . . $8.00
Introduces many types and sizes of sculpture which can be seen indoors or outdoors. (IFB) sh, c, a
SCULPTURE

Tree.
10 min, Color, 1961 . . . . $7.00
By observing a tree, we discover an important concept: Living things depend on each other. A tree is important to the community of living things around it–birds and insects, other plants and animals. Depicts the beauty of trees while introducing simple ideas of ecology. (Churchill) el
BOTANY; ECOLOGY

Tree is a Living Thing.
11 min, Color, 1965 . . . . $7.00
Relates the story of a boy's discovery that a tree, like a plant, grows from a single seed. Children see how and why the life-cycle of a tree changes through the seasons. How to determine the age of a tree and how a tree is actually fed through the process of photosynthesis are clearly illustrated and explained. (EBF) el
BOTANY

Tree Portraits.
21 min, Color, 1955 . . . . $10.00
Examines common trees of the United States, while showing the seasonal development and growth of Oaks, Elms, Maples, Pines and others. (IFB) el, jh, sh, c
BOTANY

Trees: How to Know Them.
14 min, Color, 1973 . . . . $8.00
Presents the identifying features of trees as they change through the seasons. Size, shape, and arrangement of the buds and leaves on the twig are presented as ways of distinguishing and identifying trees. (IFB) sh, c, a
BOTANY; FORESTS AND FORESTRY

Trembling Earth.
30 min, Color, 1967 . . . . $13.00
A documentation of earthquakes which focuses on the seismic studies of the Lamont Geological Observatory of Columbia University. Dr. Jack Oliver, a seismologist, is shown working in an observatory located within a mine. The instruments used are shown and explained. Aerial views of two earth faults accompany an explanation of their relationship to earthquakes. Other seismologists are shown gathering data on micro-earthquakes in Alaska. Scenes of the 1964 Alaskan earthquake graphically demonstrate the destructive power of an earthquake. (NET) sh, c, a
EARTH; GEOLOGY

Tribute to Malcolm X.
15 min, B&W, 1969 . . . . $4.00
The influence of Malcolm X upon the present black liberation movement is reported upon in this film. His life is recollected through an interview with his widow, Betty Shabazz. Malcolm X, whose father was killed and whose mother was committed to a mental institution when he was a child, became a minister of Islam and a leader of the black struggle until his assassination. This film is one of a group of NET productions produced by black filmmakers to acquaint all people with black America. (NET) sh, c, a
BIOGRAPHY; BLACK AMERICANS

Trigonometry.
31 min, B&W, 1959 . . . . $6.50
This film introduces the sine, cosine, and tangent functions as they apply to a right triangle. (EBF) sh
MATHEMATICS

Trio: Arthur Rubinstein, Jascha Heifetz and Gregor Piatigorsky.
28 min, B&W, 1953 . . . . $6.50
Life Magazine's famous photographic story on the great soloists Rubinstein, Heifetz and Piatigorsky, when in rehearsal, inspired this intimate photographic study of genius at work. The Trio plays the 1st Movement of Schubert's Trio in B-Flat, and the 1st,

2nd and 3rd Movement of the Trio in D-Minor by Mendelssohn. (World Artists, Inc.) jh, sh, c, a
MUSIC; MUSICIANS

Trio for Three Angles.
8 min, Color, 1968 . . . . $6.00
Animated, free-swinging angles help students discover the relationships of a triangle's different components. (Bruce & Katherine Cornwell; IFB) jh, sh, c
GEOMETRY; MATHEMATICS

Trip to Nowhere.
53 min, Color, 1970 . . . . $19.00
Examines young people's motivations for turning to drugs and studies programs set up to stem the rapid increase in drug use. (NBC) jh, sh, c, a
NARCOTICS; DRUGS; SOCIAL PROBLEMS

Tropical Africa.
29 min, Color, 1961 . . . . $13.00
The film story encompasses three quarters of the great African continent. It is a frank attempt to make an intelligent primer, a stimulating introduction to that area of the world. Dismissing the pygmies and the big game, attempts are made to show the new Africa, a continent in political revolution undergoing great social change. Primitive society is portrayed, but only as it relates to the new life. The great movement is to the cities, to the new factories and mines. The struggle for self-government, the effort to establish schools, universities and hospitals, are all shown as well as the rapidly changing relationship between black and white African. Film content includes an informative animation sequence tracing African history. (IFF) sh, c
AFRICA

Tropical Jungle.
15 min, Color, 1965 . . . . $8.00
Uses the jungle of Malaysia to show the conditions necessary for and indigenous to its existence, the abundant wildlife, and the resulting competition for the necessities of life. (Dr. Dwight Davis; IFB) jh, sh
CLIMATE; ECOLOGY

Tropical Lowland (Amazon River, Brazil).
20 min, B&W, 1949 . . . . $5.00
Hot, humid lowland regions usually dominated by dense forests are sometimes called green deserts. Although the regions are rich in natural resources, large areas are uninhabitable. The only part of such regions that support even a small population are along waterways that provide access to the resources. The Amazon is the world's greatest lowland river. People native to this region depend on the Amazon for transportation, water supply, and some of their food. They live entirely by subsistence farming and gathering forest products. Their settlements line the river's edge. On the river, row boat and steamer traffic move constantly carrying people and their produce. From river trading posts, jungle products are collected and taken to Manos, the only city in the area, and the main contact with the outside world. (UWF) el, jh, sh, c, a
BRAZIL

Tropical Rain Forest.
17 min, Color, 1962 . . . . $8.00
This film illustrates the interrelationships between the rich variety of plant and animal life and the warm, humid environment of the tropical rain forest. Shows the layered structure of tropical rain forest vegetation, describes conditions of temperature and rainfall, and provides examples of both typical and rare species of tropical rain forest animal and plant life. (EBF) sh, c
CLIMATE; ECOLOGY

Trucks and Truck Transportation.
11 min, Color, 1968 . . . . $7.00
Provides the student knowledge of trucks in bringing goods to his community, and to businesses and individuals in his community. All basic types of trucks are shown at work as well as many different trucks designed to do a specialized job. (AIMS) el, jh
TRANSPORTATION

True Story of an Election, Part I.
30 min, B&W, 1962 . . . . $6.50
Covers the primary elections. Shows the problems of financing and organizing for a general election. Follows the first clashes in three areas: precinct work, publicity, and between the candidates themselves. (Dimension Film; Churchill Films) jh, sh, c, a
CITIZENSHIP; ELECTIONS; U.S.–POLITICS

True Story of an Election, Part II.
26 min, B&W, 1962 . . . . $6.50
Follows the campaign efforts in the precincts–publicity, last minute strategy and opinion polling. Documents Election Day until the polls close; then victory, defeat, and post-election activities of both sides. Before the final election result is revealed, there is a space to stop the projector for discussion purposes. (Dimension Film; Churchill Films) jh, sh, c, a
CITIZENSHIP; ELECTIONS; U.S.–POLITICS

True Story of the Civil War.
33 min, B&W, 1960 . . . . $6.50
Winner of the Academy Award for the best short documentary in 1956, this film is the actual record of the crucial Civil War period in our nation's past. Made up mostly of Matthew Brady's original wet plate photographs, it surveys the whole story of war; its causes, its desperate, bloody battles, its leaders, and its effect on the nation. (McGraw-Hill) jh, sh, c
U.S.–HISTORY: CIVIL WAR

Truman and the Cold War.
16 min, B&W, 1969 . . . . $4.00
The post-war emergence of the Soviet Union and the U.S. as the two major global powers produced tension which rapidly hardened into the "cold war." Through Truman's persistence, NATO was formed to prevent further Communist expansion. (LCA) jh, sh, c, a
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

Truman and the Uses of Power.
18 min, B&W, 1969 . . . . $5.00
How President Truman enlarged the power of the executive branch of the government – a power that in subsequent administrations has been much attacked especially in the area of foreign policy – is the subject of this film. (LCA) jh, sh, c, a
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

Tumbling–Elementary for Boys and Girls.
13 min, Color, 1973 . . . . $7.00
Presents basic tumbling stunts in a sequential manner for a beginning tumbling class. (AIMS) el, jh
PHYSICAL EDUCATION

Tumbling–Intermediate for Boys and Girls.
15 min, Color, 1973 . . . . $8.00
Illustrates stunts starting with the forward roll and sequentially build toward the handspring. (AIMS) el, jh
PHYSICAL EDUCATION

Twelve Days of Christmas.
6 min, Color, 1972 . . . . $6.00
The delicious accumulation of gifts given on the twelve days of Christmas is described in graceful illustrations and lilting song. (Weston Woods) el, jh, sh, c, a
HOLIDAYS

Twentieth Century Revolutions in World Affairs Series: U. N. in a Revolutionary World.
29 min, B&W, 1959 . . . . $6.50
Discusses the role of the United Nations in maintaining world peace. Reviews the history of the U. N. and its revolutionary approach to the problems of peace through large scale, organized, international cooperation. (KRMA-TV; Indiana University) sh, c, a
INTERNATIONAL COOPERATION

Twentieth Century Revolutions in World Affairs Series: U. S. in a Revolutionary World.
29 min, B&W, 1959 . . . . $6.50
Discusses the debates in the U. S. since World War I over the issue of isolation versus involvement in World Affairs. Reviews our participation in the League of Nations, the neutrality acts of the 1930's, foreign aid following World War II, and the extent and character of our part in the Korean conflict. (KRMA-TV; Indiana University) sh, c, a
U.S.–FOREIGN RELATIONS; U.S.–HISTORY

21st Century: Cities of the Future.
25 min, Color, 1967 . . . . $10.00
A special animated segment of this film traces the development of cities from earliest times. Years of growing urbanization have brought worsening conditions of pollution, slums, congestion. This film focuses on the creative planning now in progress to surmount those problems in the future by visiting a dozen cities around the world. (CBS; McGraw-Hill) jh, sh, c, a
CITY PLANNING; POLLUTION

Twisted Cross.
54 min, B&W, 1958 . . . . $9.50
The rise and fall of a dictator is seen in this history of Adolph Hitler and the Nazi movement, as recreated almost entirely through captured German film. An NBC "Project 20" Pro-

duction. (McGraw-Hill) sh, c
GERMANY; EUROPE–HISTORY: 20TH CENTURY; WORLD WAR: 1939-1945–CAUSES

Two Decades of History.
22 min, B&W, 1947 . . . . $5.00
From Paramount Pictures. Presents newsreel sequence of events during 1927-1947. Included are the inauguration of F. D. Roosevelt, the development of the New Deal, the growing threat and eventual outbreak of World War II, and America's mobilization for war. (TFC) sh, c
HISTORY, UNIVERSAL; U.S.–HISTORY: 1898; WORLD WAR: 1939-1945

Two Photographers: Wynn Bullock–Imogene Cunningham.
30 min, B&W, 1967 . . . . $6.50
The camera eavesdrops on an informal conversation between two renowned still photographers, Imogene Cunningham and Wynn Bullock. Their discussion reveals the meaning photography has for each of them. Later, as the camera captures each photographer at work, the narration contains their personal comments. Examples of their photographs are shown. (Fred Padula) sh, c, a
PHOTOGRAPHY

Typing Skills: Building Speed.
11 min, B&W, 1966 . . . . $3.50
A young typist soon learns that it isn't enough to know the individual motions of typing. Building speed requires movement that is rhythmic and continuous. She learns that this can be achieved only through practice–practice aimed at four goals: (1) improving one's attitude toward typing, (2) developing good typing form, (3) conditioning one's muscles for typing, and (4) improving one's basic typing patterns. (Coronet) sh, c, a
BUSINESS EDUCATION; TYPEWRITING

Typing Skills: Daily Job Techniques.
13 min, B&W, 1966 . . . . $3.50
On-the-job typing proficiency requires adequate preparation for the day's work, in addition to mastery of basic operating skills. A typist anticipates a variety of jobs and plans each individual job. She can eliminate needless movement and increase her output by organizing her desk, grouping similar jobs, and applying special techniques to such tasks as typing envelopes, stencils, and tabulated reports. (Coronet) sh, c, a
BUSINESS EDUCATION; TYPEWRITING

U

Ugly Duckling.
11 min, Color, 1953 . . . . $7.00
The classic fairy tale by Hans Christian Andersen of a little swan raised with a brood of ducklings and rejected because he does not conform to the appearance of a duck. Finally, after many discouraging experiences, the ugly duckling discovers his true status as a swan of beauty and dignity. (EBF) el
STORIES

Ulcer at Work.
26 min, B&W, 1959 . . . . $6.50
Shows how the peptic ulcer can create unhappiness and failure in man's working and personal life. (U. of Okla.; IFB) a
MENTAL HEALTH

Ultimate Trip.
32 min, Color, 1970 . . . . $13.00
"Jesus turns me on. God is now! Join us." A growing number of young people are combining primitive Christian communalism with an evangelical religious fervor. Some call them "Jesus Freaks." They call themselves the Children of God. (NBC) jh, sh, c, a
RELIGION; SOCIAL CONDITIONS

Un Viaje a Mejico (Spanish).
11 min, Color, 1954 . . . . $7.00
Designed to meet the needs of first and second year Spanish students, this motion picture tells the story of the film *Airplane Trip to Mexico* in simple, slow-paced Spanish. (EBF) sh, c
SPANISH LANGUAGE

Uncle Jim's Dairy Farm.
12 min, Color, 1963 . . . . $3.50
Shows wholesome daily living on a dairy farm with special emphasis on the relationship between food and healthy growth of plants, animals, and children. (Connecticut Dairy and Food Council) el
DAIRY PRODUCTS; FARM LIFE

Understanding Children's Play.
10 min, B&W, 1948 . . . . $3.50
Shows that you should let children choose their toys and play with them in their own way. Stresses that adults should watch and listen to each child at play and through observation could learn to understand them better. (Caroline Zachry Inst.) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); PSYCHOLOGY

Understanding Movies.
13 min, Color, 1971 . . . . $7.00
Examines the film techniques used in a short dramatic sequence to convey expansion and compression of time, magnification, and the arrangement of these elements to produce a desired effect. Provides a basis for understanding the various kinds of film one is exposed to. (The New York Times) el, jh, sh, c, a
MOTION PICTURES

Understanding Numbers: Base and Place.
30 min, B&W, 1955 . . . . $6.50
This film presents the characteristics, history, and applications of the binary system, and gives emphasis to the basic principles of base and place in our system of numeration. Shows how numbers are represented in the binary system and portrays the relationship of this system to electronic digital computers. (University of Michigan TV; NET) jh, sh, c, a
ELECTRONIC COMPUTERS; MATHEMATICS

Understanding Numbers: Earliest Numbers.
30 min, B&W, 1955 . . . . $6.50
Shows man's first efforts to count with symbols and the contribution of these efforts to our present number system. Stresses this contribution in terms of the essential elements of a modern numeration system: base, place, symbols, zero, decimal point. Through models, this film demonstrates and explains certain physical methods of writing and reckoning with numbers. (University of Michigan TV; NET) jh, sh, c, a
EDUCATION–STUDY AND TEACHING; MATHEMATICS–STUDY AND TEACHING

Understanding Numbers: Fractions.
30 min, B&W, 1955 . . . . $6.50
Presents the history and some of the characteristics of fractions. Shows that a fraction has five meanings. Traces the way in which our present representation of fractions has come to us from Babylonia, Egypt, Greece, Rome, India, and Belgium. Sketches the basic principles governing the use of fractions. Compares the properties of rational, decimal, and duo-decimal fractions. (University of Michigan TV; NET) jh, sh, c, a
EDUCATION–STUDY AND TEACHING; MATHEMATICS–STUDY AND TEACHING

Understanding Numbers: Fundamental Operation.
30 min, B&W, 1955 . . . . $6.50
Analyzes modular arithmetic as an aid in understanding the principles of our own, or rational, arithmetic. Through arithmetic modulo five this film shows the closure, commutative, and identity element principles of rational arithmetic. Identifies the additional associative and distributive arithmetic principles using our own arithmetic. Demonstrates that the two fundamental operations are addition and multiplication. (University of Michigan TV; NET) jh, sh, c, a
EDUCATION–STUDY AND TEACHING; MATHEMATICS–STUDY AND TEACHING

Understanding Our Earth: Glaciers.
10 min, B&W, 1952 . . . . $3.50
Glaciers from Alaska, the United States, Canada and Europe are shown to illustrate the many different kinds of glaciers and how they are formed. The film story also includes the formation of icebergs, and the significance and impact of glaciers during the ice age. Evidences of glaciation are seen in glacier lakes in the Rocky Mountains, soil in the Middle West, glacial drift in New England, and the Matterhorn peak in the Swiss Alps. (Coronet) el, jh, sh
GEOLOGY

Understanding Topographic Maps.
14 min, Color, 1970 . . . . $8.00
A trip through Central Park in New York City gives viewers an idea of the "ups and downs" they won't find on an ordinary map. They see how contour lines delineate shape, steepness or gentleness of slopes, location of peaks and hilltops, river valleys and basins. The viewer learns how to use contour maps to determine heights above sea level. (Wiley) sh, c, a
GEOGRAPHY; MAPS AND GLOBES

Understanding Vitamins.
14 min, Color, 1952 . . . . $8.00

Graphically explains what vitamins are, how they work and why they are necessary for good health. Points out natural sources of important vitamins, and reveals the effects on body tissues of a diet lacking in certain vitamins. Recreates major events in the discovery of vitamins and calls attention to present day research. (EBF) jh, sh, c, a
NUTRITION

Union of South Africa (Its Land and Its People).
16 min, Color, 1960 . . . . $8.00
Makes a comparison of three ways of life in the Union of South Africa; that of the native tribes still living in primitive fashion in reserves; that of the Boer farms on which the natives have begun to assimilate white culture; and that of the mining communities and cities in which natives are in the process of adopting white culture. Within these culture patterns the film describes the topography, climate, resources, and products of the region. (EBF) el, jh, sh, c
REPUBLIC OF SOUTH AFRICA

United Kingdom: England and Wales.
14 min, Color, 1965 . . . . $8.00
An overview of the principle geographic regions, including farming and grazing lands, shows that these countries cannot raise enough food for their people and must rely on imports. The film emphasizes the themes of limited land area and closeness to the sea, and shows how the people have used their energies and skills to make their countries important centers of manufacturing and trade. (Coronet) jh, sh
GREAT BRITAIN

United Kingdom: Scotland and Northern Ireland.
14 min, Color, 1965 . . . . $8.00
This overview of Scotland and Northern Ireland includes the principle geographic regions, the important resources and the major cities of Glasgow, Edinburgh, and Belfast. We see the people and something of the traditions they share. Contrasting the traditional with the new, the film emphasizes the changes being brought about through the development of atomic and hydroelectric power. (Coronet) jh, sh
SCOTLAND; IRELAND

United Nations: Organization for Peace.
22 min, B&W, 1963 . . . . $5.00
Traces the growth and accomplishments of the international organization from the drafting of its charter to the present. Diagrams and clarifies the interrelated functions of the various councils and agencies as well as gives film tours of New York Headquarters and the U.N. at work. (Journal Films) jh, sh
INTERNATIONAL COOPERATION

United States Congress: By and for the People.
26 min, Color, 1972 . . . . $13.00
The development of the U.S. congressional system is surveyed from earliest times to the present. To provide continuity and contemporary interest, the film examines the day-to-day work of a Congressman and a Senator. (EBEC) jh, sh, c
U.S.–GOVERNMENT

United States Expansion: Florida.
13 min, B&W, 1955 . . . . $3.50
Summarizing the history of Florida from its discovery through its acquisition by the United States, the film shows how geography influenced the region's early history. The Spanish missionary period, the era of the English plantation system, the second Spanish period, and the events that led to its becoming part of the United States are given meaning through re-enactments on the original sites. (Coronet) jh, sh, c
U.S.–STATES

United States Expansion: Oregon Country.
13 min, B&W, 1955 . . . . $3.50
Capturing the wealth and promise of the Oregon Country that attracted traders, missionaries, and settlers to this Northwest wilderness, the film surveys key events in the history of the region. Among these are the Lewis and Clark expedition, the subsequent westward movement, the rivalry of British and American interests and the acquisition of the Oregon Territory by the United States in 1846. (Coronet) jh, sh, c
U.S.–STATES; U.S.–TERRITORIAL EXPANSION

United States Expansion: Overseas.
14 min, B&W, 1958 . . . . $4.00
This film reviews U.S. Expansion into the Hawaiian Islands, Cuba, the Philippines, and countries of Central America. The changing policy from maintaining isolationism toward becoming a world power during the terms of Cleveland, McKinley, and T. Roosevelt is emphasized as well as the problems of expansion and its long-range results. (Coronet) jh, sh, c
U.S.–FOREIGN RELATIONS; U.S.–TERRITORIAL EXPANSION

United States Expansion: Settling the West (1853-1890).
14 min, B&W, 1960 . . . . $4.00
In the period between 1853 and 1890 the largest frontier region of the West was settled. Tracing this settlement of the area which extended westward from Iowa and Missouri to the mountain ranges of California and Oregon, we see the frontier developed by the early miners and cattle ranchers, and later by the farmers and homesteaders. The period is visualized through re-enactments on original locations. (Coronet) jh, sh
FRONTIER AND PIONEER LIFE; U.S.–TERRITORIAL EXPANSION

United States Expansion: Texas and the Far Southwest.
13 min, B&W, 1955 . . . . $3.50
The development of this vast area is traced from early Spanish explorations through important events such as the Texas Revolution, the Mexican War, the admission of Texas as a state, and the opening of the Far Southwest to American immigration and settlement. (Coronet) jh, sh, c
FRONTIER AND PIONEER LIFE; U.S.–TERRITORIAL EXPANSION

United States Supreme Court: Guardian of the Constitution (2nd Edition).
29 min, Color, 1972 . . . . $13.00
Combining historic and current footage, the film highlights the history and landmark cases of the Supreme Court, from its beginnings in 1789 to the present. (EBEC) jh, sh, c
LAW; U.S.–GOVERNMENT

Universe.
26 min, B&W, 1962 . . . . $6.50
Provides an authoritative, vivid portrayal of the cosmos as based on up-to-date knowledge of astronomers. It makes use of animation and special effects to take students on a sweeping journey through the solar system; then, on beyond the reach of the strongest telescope to marvel at the greater wonders of space. Also shows an astronomer at the David Dunlap Observatory photographing a distant star. (McGraw-Hill) jh, sh, c
ASTRONOMY

Unseen Enemies.
32 min, Color, 1961 . . . . $13.00
Made with the cooperation of the World Health Organization this film tells how the development of the microscope led men to discover the microbes which cause infectious diseases such as leprosy, yaws and malaria. These are passed through human contact and by insect carriers. Ninety nations have joined forces to break the endless chain of transmission by the use of vaccines, antibiotics, insecticides and sprays. (Shell Oil) sh, c, a
DISEASES; INTERNATIONAL COOPERATION

Up Front.
28 min, Color, 1971 . . . . $13.00
A rehabilitated drug addict communicates with some articulate young people about drugs and drug dependency as well as the underlying problems and what seems to be some effective solutions. (AIMS) jh, sh, c, a
DRUG EDUCATION

Up Is Down.
6 min, Color, 1970 . . . . $6.00
An animated fable about a boy who walks on his hands and who not only looks different, but who can see things differently. Presents a direct treatment of tolerance, conformity, and conflicts between a man and his society and between one generation and another. (Pyramid Films) el, jh, sh, c, a
ALLEGORY; SOCIAL ETHICS

Uprooted Nation.
22 min, Color, 1965 . . . . $10.00
A study of the population movements within the U.S., their social and psychological causes and effects. Offers views of city planners, demographers, social critics, students and people on the move. (Churchill) sh, c
SOCIOLOGY

Ups/Downs.
24 min, Color, 1971 . . . . $10.00
Examines the pep-you-up amphetamines and the slow-you-down barbiturates. Much of the evidence is given by young people. How our pill-popping society fosters abuse of these sometimes useful drugs, how severe a user's dependence on them can be, and what's involved in getting free are among the topics explored. (EBEC) jh, sh, c
DRUG EDUCATION

Urban Focus: An Imaginary They.
22 min, Color, 1968 . . . . $10.00
People in urban settings have demonstrated a pronounced tendency to de-personalize judgments and activities that affect their lives. They ascribe a general "they" to individuals and groups responsible for official actions. Explores the need for rules and laws, shows who really makes them. Indicates that government is responsive to the needs and desires of its people. (Artemis Films; MLA) jh, sh
CITIZENSHIP; DEMOCRACY; MUNICIPAL GOVERNMENT

Urban Focus: Ask My Name.
15 min, Color, 1968 . . . . $8.00
Reviews the experience of an eight-year-old boy who moves to a new apartment in the heart of the city and discovers new problems and challenges. (Award winner) (Artemis Films; MLA) el
CHILD STUDY; SOCIAL ADJUSTMENT; SOCIOLOGY

Urban Focus: My City.
20 min, Color, 1968 . . . . $10.00
Provides insights into the world of urban children. Shows how they interpret and react to their environment. How they discover riches and resources uniquely those of the urban setting. (Award winner) (Artemis Films; MLA) el
COMMUNITY LIFE; SOCIOLOGY

US.
28 min, Color, 1971 . . . . $13.00
Adult drinkers and pill takers, and young users deplore each other's behavior. A film to make us question ourselves and our use of alcohol and other drugs. (Churchill) sh, c, a
DRUG EDUCATION; GUIDANCE, PERSONAL

Using A Pipette.
5 min, Color, 1971 . . . . $6.00
Illustrates a simple procedure for determining if a pipette is ready for use, including testing for cleanliness, and demonstrates proper pipette techniques for transferring liquid volumes in a reproducible manner. (EBEC) sh, c
SCIENCE, GENERAL

Using GP II–Graph and Picture Study Skills Kit.
10 min, Color, 1962 . . . . $3.50
Shows the use of the Graph and Picture Study Skills Kit in the classroom. Demonstrates how the kit provides high-motivation, self-teaching, self-correction application of skills and overall provision for individual differences. (Science Research Associates, Inc.) c, a
EDUCATION–METHODS; GRAPHS

Using Money Wisely.
18 min, Color, 1970 . . . . $10.00
Introduces three typical families with money problems which represent a cross section of economic levels. Follows them as they encounter and reach solutions to their money management difficulties. (Journal Films) sh, c, a
ECONOMICS; MONEY

Using the Air Damped Balance.
6 min, Color, 1971 . . . . $6.00
Illustrates the advantages of a two pan, air-damped analytical balance for accurate measuring of samples. Demonstrates proper procedures for use of pan arrests, pans, beam weights, optical scale and vernier in determining the weight of a sample. (EBEC) sh, c
SCIENCE, GENERAL

USSR: Family of Tashkent.
20 min, B&W, 1967 . . . . $5.00
What is life like on a modern collective farm in the Soviet Union? "Family of Tashkent" gives the answer in simple, unpretentious terms, demonstrating how change has come to an area which, until 40 years ago, had altered little since the days of Mohammed. The film is severe in its emphasis on careful, accurate reporting. We learn of life on this 7,000-acre farm in Kyzyl Uzbekistan by following the activities of a village foreman. We see how a self-contained community works, and get a clear sense of the life of these people–their dignity, charm and ability to blend the old with the new. (UWF) el, jh, sh
RUSSIA

USSR: Geography and Peoples.
20 min, B&W, 1967 . . . . $5.00
This film shows the vastness and variety of the Soviet Union. It relates how physical geography controls the use of natural resources, creates enormous transportation problems, and influences the work and play of the Soviet Union's many peoples. Many of these scenes have never been seen outside of Russian borders. The film's value lies primarily in its exploration of relationships–between the land and its people, between communication and transportation, between the inhabitants of one area to another. Also in its interesting presentation of how the Russian people are beginning to make use of the country's extraordinary natural resources. (UWF) el, jh, sh
ANTHROPOGEOGRAPHY–EUROPE; RUSSIA

USSR: Pioneer Family of Bratsk.
20 min, B&W, 1967 . . . . $5.00
Taking off directly from the first film in this series, "Pioneer Family of Bratsk" brings the viewer to the district of Irkutsk in Eastern Siberia where two young married people and their daughter live. Here, by means of their personal story, we see the development of a new town on the growing frontier of the Soviet Union where these "pioneers" have come to help build a new hydroelectric power station–the largest in the world. As the camera darts restlessly around living quarters, shopping areas and recreation facilities–we see the unfinished quality of a "modern" frontier town. The viewer can sense the spirit of adventure and hope for the future that has brought this family to Bratsk. Though the skills needed are different, building this frontier takes the same kind of people who pioneered the American West–people with spirit, courage and determination. (UWF) el, jh, sh
RUSSIA

V

V.D.–*Very* Communicable Diseases.
19 min, Color, 1972 . . . . $10.00
Dramatized presentation of the how's, why's, wherefore's and ramifications of venereal disease, syphilis and gonorrhea. (AIMS) sh, c
SEX EDUCATION

Vacances en Normandie.
11 min, B&W, 1956 . . . . $3.50
This film is used to stimulate the use of conversational French in the classroom. The visual material depicts a trip into Normandie with four members of the Latour family. Scenes include a local celebration with dancing, a small fishing port, dinner at the grandparents' farm, story telling about French naval vessels, a brief visit to Paris, and some of the famous monuments there. Teachers should order a copy of the film guide from the film producer. (EBF) sh, c
FRENCH LANGUAGE

Vacant Lot.
21 min, Color, 1961 . . . . $10.00
Shows the interrelationships among wild flowers, common weeds, plant-eating insects, reptiles, birds, and mammals to the maintenance of the balances in nature as it exists in a vacant lot. (Crawley Films; IFB) jh, sh, c
ECOLOGY

Valley Forge.
7 min, Color, 1972 . . . . $6.00
Dramatizes the desperate situation that faced the American army at Valley Forge during the Revolutionary War. (EBEC) jh, sh
U.S.–HISTORY: REVOLUTION

Vamos A Colombia.
11 min, Color, 1956 . . . . $7.00
Uses Spanish narration to show and describe the products, principal physical regions, and cities of Colombia. (Pan American Union; IFB) sh, c
SOUTH AMERICA; SPANISH LANGUAGE

Vamos A Cuba.
12 min, Color, 1956 . . . . $7.00
Describes many aspects of Cuban life: modern cities, historic landmarks, natural vegetation, important crops, schools, cathedrals, and public buildings. (IFB) sh, c
CUBA; SPANISH LANGUAGE

Vamos A Guatemala.
22 min, Color, 1957 . . . . $10.00
Uses Spanish narration to describe the location, physical features, history, agriculture, and folkways of Guatemala. (IFB) sh, c
CENTRAL AMERICA; SPANISH LANGUAGE

Vamos Al Peru: El Peru and Lima.
20 min, Color, 1957 . . . . $10.00

Uses Spanish narration to describe the location, physical environment, transportation, archeological heritage, and principal cities of Peru with particular emphasis on the cities of Lima and the port-city, Callao. (IFB) sh, c
PERU; SPANISH LANGUAGE

Vandalism: Crime or Prank.
5 min, Color, 1964 . . . . $6.00
Dramatizes the problem of a citizen who witnesses an act of vandalism by neighborhood boys. (Horizon Productions; IFB) jh, sh
JUVENILE DELINQUENCY

Vapor Pressure Demonstrations.
8 min, Color, 1971 . . . . $6.00
Explains the nature of vapor pressure–a characteristic property of matter used objectively to describe substances–in terms of molecular movement. (EBEC) sh, c
CHEMISTRY; SCIENCE–GENERAL

Vasectomy.
17 min, Color, 1972 . . . . $8.00
Animation describes the male reproductive system and the vasectomy surgery. Interviews with men and their wives tell of reasons for having a vasectomy and of feelings, fears and satisfactions. (Churchill) c, a
GUIDANCE, PERSONAL; SEX EDUCATION

Velazquez.
15 min, Color, 1955 . . . . $8.00
Shows some of the major works of Velazquez on exhibit at the Prado Museum in Spain. (IFB) sh, c
ARTISTS; SPAIN

Velocity and Acceleration.
14 min, B&W, 1962 . . . . $4.00
This film defines motion and explains and demonstrates the concepts of velocity and acceleration. The difference between speed and velocity is shown, and both live scenes and animation illustrate positive and negative acceleration due to the force of gravity. The film points out that the concepts of velocity and acceleration are useful for describing precisely the action of bodies in motion. (Coronet) sh
PHYSICS

Venereal Disease: The Hidden Epidemic.
23 min, Color, 1972 . . . . $10.00
This film's honest, scientifically accurate approach is organized from three perspectives: history of venereal diseases and attitudes towards them; clinical analysis of the two major venereal diseases–gonorrhea and syphilis; frank discussions between doctors and patients in a treatment center. (EBEC) sh, c
DISEASES; PUBLIC HEALTH

Venezuela: Oil Builds A Nation.
17 min, Color, 1972 . . . . $8.00
What happens to a sleepy nation of impoverished farmers when an oil boom hits? Venezuela woke up fast–and was catapulted into one of the richest, fastest developing countries of Latin America. Vivid photography contrasts the skyscraper wealth of Caracas with the wooden shack existence of the outer city slums and countryside. Through candid interviews, Venezuelans reveal how their government is hoping to end unemployment and poverty. (EBEC) jh, sh, c
SOCIOLOGY; SOUTH AMERICA

Verdict at 1:32.
22 min, Color, 1962 . . . . $3.50
A documentary which depicts the effects of alcohol on the brain showing with actual cases that the smallest quantities of alcohol in the body can be disastrous. (International Temperance Assoc.) sh, c, a
ALCOHOLISM

Very Nice, Very Nice.
8 min, B&W, 1962 . . . . $3.00
Comments on contemporary life with many still pictures and fragments of seemingly unrelated speech. The juxtaposition of sight and sound is amusing, confusing, revealing, and unnervingly disturbing. The frenzied conditions of modern life are mirrored as the human being gropes blindly and feels the disillusionment of his closed mind. Makes a poignant plea for reaffirmation of life with a straightforward purpose. (Multi-Award winner) (NFBC; McGraw-Hill) sh, c, a
PHILOSOPHY; SOCIOLOGY

Vibration of Molecules.
11 min, Color, 1960 . . . . $7.00
Contents of the film include: illustration of the vibrational motion of a molecule; the determination of the number of normal modes of a molecule; the relation between the symmetry and the normal modes of vibration of methane; and quantization of vibrational energy. Molecules shown in the film are: carbon monoxide, heavy water, formamide, carbon dioxide, water, and methane. (Sutherland Educational Films, Inc.) c
CHEMISTRY

Victory at Sea: The Battle for Leyte Gulf.
30 min, B&W, 1952 . . . . $6.50
Across the restless wilderness of water, over the Mindanao deep and in Leyte Gulf, the battle for the liberation of the Philippines begins–at stake, the Western Pacific. The entire remaining naval strength of Japan is mustered for the supreme battle; loss of the Philippines will tear the Japanese empire in two, cutting the home islands off from oil. The battle of Surigao Strait; old battleships take their vengeance for Pearl Harbor; San Bernardino Strait; a third Japanese force is found off Engano. Japan ceases to be a naval power, the Japanese fleet dies in the battle for Leyte Gulf–in vain. (Award winning series) (NBC) el, jh, sh, c, a
PHILIPPINE ISLANDS; WORLD WAR: 1939-1945; U.S.–NAVY

Victory at Sea: Design For Peace-Surrender of Japan and Aftermath of War.
30 min, B&W, 1952 . . . . $6.50
5:30 a.m. ... July 16, 1945: the desert of New Mexico; from a single gram of matter, man releases the explosive energy of 20,000 tons of TNT. 8:16 a.m. ... August 6, 1945: Hiroshima, Japan. A city dies as an age is born. Three days later, Nagasaki. World War II is over. Allied ships sail into Tokyo Bay. September 2, 1945 on the deck of the Missouri: the formal surrender of the Japanese empire to the Allied powers; Emperor Hirohito proclaims a new day. To the ports of both coasts the ships that sailed away to war and death bring back their men to peace and life. To these men, free men owe their victory. (Award winning series) (NBC) el, jh, sh, c, a
ATOMIC BOMB; WORLD WAR: 1939-1945

Victory at Sea: Fate of Europe–Black Sea, South of France, Surrender.
30 min, B&W, 1952 . . . . $6.50
1944–the Red Army drives into the Crimean Peninsula, Soviet sailors seek to regain Sebastopol, and turn the tide of Nazi conquest. Hitler flounders on the Russian steppes. In the hard-won harbor of Naples, at Palermo, Corsica, Sardinia, the ships and men gather for the invasion of southern France, to seize Marseille and Toulon, advance up the valley of the Rhone, join the troops from Normandy. August 25, 1944. Paris is free again. February 1945. Roosevelt, Churchill and Stalin meet in Yalta. Russia joins the war against Japan. The first meeting of the United Nations is set. On six continents and seven seas the Allies destroy the Axis. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; EUROPE–HISTORY: 20TH CENTURY

Victory at Sea: Guadalcanal.
30 min, B&W, 1952 . . . . $6.50
Guadalcanal–90 uncharted miles in the Solomon Islands, bastion on the lifeline from California to New Zealand, gateway to Asia. The first offensive land action in the Pacific War, August 7, 1942, eight months after Pearl Harbor. Across the Pacific, America organizes her land, her resources, her industry in the greatest mobilization of strength ever known to the world. The Japanese advance is stopped; Guadalcanal takes its place in history with Thermopylae, Valley Forge and Waterloo. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; JAPAN

Victory at Sea: Midway is East–Japanese Victories and the Battle of Midway.
30 min, B&W, 1952 . . . . $6.50
Yesterday Pearl Harbor, today the whole Southeast Pacific; oil, rubber, rice and glory. Hong Kong, Singapore, Bataan, Corregidor, the fall of the Philippines. The Battle of the Coral Sea begins the turning of the tide, the buildup of supplies has started. Midway, the last sentry between Japan and Hawaii, a coral atoll six miles in diameter, target for the carriers that raped Pearl Harbor. June 4, 1942, the Hornet, the Enterprise and the Yorktown fight back; it is the Japanese who crumble, and with them, their plans to dominate the Eastern Pacific. One of the most decisive victories in naval history has been won. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; U.S.–NAVY

Victory at Sea: Normandy–D-Day.
30 min, B&W, 1952 . . . . $6.50
Casablanca, January 1943, the Allies commit themselves to the

liberation of Europe, Operation Overlord; London, one year later, the Supreme Commander Allied Expeditionary Forces, General Eisenhower challenges Festung Europa–The Fortress of Europe, its coastal defenses under the command of Field Marshal Rommel, the Desert Fox. England becomes an armed camp. D-Day–Spring 1944, from Falmouth, from Portland, from Plymouth, from Weymouth, the ships depart–destination the coast of France. One million tons of concrete float across the channel to form a man-made harbor, tons of supplies pour in with troops, the veterans of Dunkirk return to France, the Desert Fox is destroyed, Europe has been invaded. (Award winning series) (NBC) el, jh, sh, c, a
EUROPE–HISTORY: 20TH CENTURY; WORLD WAR: 1939-1945

Victory at Sea: Pacific Boils Over–Pearl Harbor, December 7, 1941.
30 min, B&W, 1952 . . . . $6.50
Hawaii, 1941; Tokyo, 1941–social, economic and religious ideas from an isolated past survive with superimposed industrial methods and Western ways. "The Greater East Asia Co-Prosperity Sphere"; the Japanese war machine seeks ways to secure the oil of Southeast Asia; rendezvous in a hidden harbor in the Kurile Islands–the Pearl Harbor striking force is assembled, "Climb Mount Nitaka"–the code to attack. Washington; December 7, 1941, the Japanese break off negotiations; Oahu; December 7, 1941, flying weather good, visibility clear, planes approaching from the North reported to Hickam Field–thought to be American. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; JAPAN

Victory at Sea: Road to Mandalay–China, Burma, India, and Indian Ocean.
30 min, B&W, 1952 . . . . $6.50
The Tanaka Memorial 1927–blueprint for war in the Far East, with blood and iron, Japan must conquer Europe and Asia; China must come first. Shanghai, Nanking, Nankow bleed, only the scorched earth is surrendered; a million refugees flee inland, toward Chungking, landlocked oasis in the midst of Asia. Free China's sole access to survival now lies southward across the Himalayas to Burma. To cut the Burma road the Japanese absorb Siam, then burst into Burma. May, 1942–the fall of Mandalay; China is cut off. Supplies for victory reach the docks of Calcutta, cargo planes fly over the Himalayan humps, a road is hacked out of the jungle to join the old Burma road, despite monsoons and malaria, cholera and typhus, a pipe line is laid. "Come you back you British soldier, come you back to Mandalay." January, 1945–the East joins hands with the West. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; CHINA; JAPAN

Victory at Sea: Roman Renaissance–Sicily and the Italian Campaign.
30 min, B&W, 1952 . . . . $6.50
"The grandeur that was Rome" on dress parade for Hitler, black-shirted fascists with brown-shirted Nazis calling the tune; across the Mediterranean a convoy puts out to sea–destination Sicily, steppingstone to Europe. September, 1945, Sicily is won. Italy signs an armistice on Malta, Mussolini rules no more. From France and from the Balkans the Germans send fresh troops; 185 miles northeast of Sicily the allies attack Salerno. It is 40 miles to Naples, the greatest port in Southern Europe. "See Naples and Die," the Germans are entrenched at Casino, the hell of Salerno pales–before Anzio's inferno. June 4, 1944, "Rome–the city of all time and of all the world" finally is free. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; EUROPE–HISTORY 20TH CENTURY; ITALY

Victory at Sea: Sea and Sand–Invasion of North Africa, 1942-1943.
30 min, B&W, 1952 . . . . $6.50
Hitler on the brink of the conquest of Russia, 350,000 dead of starvation in Stalingrad, the demand for a second front; Eisenhower directs the strategy of the first Anglo-American offensive–the double thrust at the Axis in North Africa; the greatest amphibious operation in history–destination Casablanca. H-Hour, November 8, 1942. The first major Allied victory in the war against the Axis. The showdown for the Mediterranean, Tunis, Bizerte, Suez, the end of the Axis in Africa. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; EUROPE–HISTORY: 20TH CENTURY; RUSSIA

Victory at Sea: Target Suribachi–Iwo Jima.
30 min, B&W, 1952 . . . . $6.50
Tokyo, Spring 1945. From the far-off Mariannas, from Guam, from Saipan, from Liman came the B-29s seeking to shatter transport, destroy industry, communications, resources, manpower. Iwo Jima: the indispensable island on the pathway to Japan, the most concentrated naval bombardment of World War II. From the caves of Mt. Suribachi the Japanese zero in, pinning the marines to the shore in an avalanche of fire and steel, threatening obliteration 556 feet up Mt. Suribachi. (Award winning series) (NBC) el, jh, sh, c, a
WORLD WAR: 1939-1945; JAPAN

View from the People Wall: A Statement About Problem Solving and Abstract Models.
14 min, Color, 1962 . . . . $17.00
The way a computer solves a complex problem is not so different from the way a human solves a simple one. Both employ abstract models. The film demonstrates physical, mathematical, and spatial models; traces the steps in the problem-solving process; and illustrates the computer's role in solving complex problems. (EBEC) jh, sh, c
ELECTRONIC COMPUTERS; SCIENTIFIC METHOD

View of America From the 23rd Century.
21 min, Color, 1969 . . . . $10.00
John W. Gardner, former Secretary of Health, Education and Welfare, dramatizes how present American institutions might look when viewed from the perspective of the 23rd century. Scenes show man increasingly raging against his institutions because most have been designed to resist rather than to facilitate change. Gardner believes that if the future does not hold destruction for our institutions they must be able to change and would-be reformers must use reason rather than destruction to achieve this end. (NET) sh, c, a
FUTURE STUDIES

Vikings and Their Explorations.
11 min, B&W, 1958 . . . . $3.50
Sailing from what is now Scandinavia, the bold and resourceful Viking warriors of the ninth and tenth centuries influenced the history of many modern-day nations. Through costumed dramatizations and authentic Viking artifacts, aspects of Norse culture are traced. Home life, manners of dress, and various explorations are recreated, culminating in Leif Ericson's discovery of the North American continent nearly five hundred years before the voyage of Columbus. (Coronet) jh, sh
AMERICA–DISCOVERY AND EXPLORATION; EXPLORERS; NORWAY

Village in China Today.
17 min, Color, 1967 . . . . $8.00
Documents how people live and how their lives are changing in Mei Jung, a small typical village in Southeast China. What is happening in this village is happening throughout China. (Sandler–Wald; McGraw-Hill) jh, sh, c
CHINA

Viruses: Threshold of Life.
14 min, B&W, 1967 . . . . $4.00
With the aid of complex instruments such as the ultra-centrifuge and the electron microscope, the use of tissue cultures and experimental animals, we see how scientists in a modern virology laboratory explore the nature of viruses, how these viruses exist and reproduce and how we can use this knowledge to improve our health and well-being. (Coronet) jh, sh
BIOLOGY; MICROBIOLOGY; MICROORGANISMS

Vision in the Forest.
5 min, Color, 1957 . . . . $3.50
This film features Vaughn Monroe and his family enjoying a camping trip in the forest. Chris Monroe wanders away from the others and sees a Smokey Bear poster come to life. She hurries back to camp with the news and everyone agrees that Smokey is a good friend of the forest and its wild creatures. Songs featured in this film include "Racing with the Moon," "Riders in the Sky," and "Smokey the Bear." The Monroe family shows how we can all cooperate with Smokey to prevent fires from getting started in our forests. This film is cleared for television. (USDA) el, jh
FIRE PREVENTION

Visit with Cowboys.
11 min, B&W, 1949 . . . . $3.50
A city boy visits a real western ranch for the first time in his life and sees cowboys rounding up, roping, and riding horses; watches cowmen roping and branding calves; meets a fence rider at work; helps to shoe and feed horses; and ends his visit in the excitement of a big-time rodeo. (EBF) el
COWBOYS

Visitemos A Puerto Rico.
17 min, Color, 1962 . . . . $8.00
Pictures landmarks and other tourist attractions and discusses the economy of Puerto Rico. (IFB) sh, c
PUERTO RICO; SPANISH LANGUAGE

Vislumbres De Madrid Y Toledo.
17 min, Color, 1963 . . . . $8.00
Locates Madrid and Toledo on a map of Spain. Aspects of everyday life and famous works of art are shown in both cities. The Spanish narration is of intermediate difficulty. (IFB) sh, c
SPANISH LANGUAGE

Vistas De Andalucia.
10 min, Color, 1957 . . . . $7.00
Shows the Giralda, the Cathedral of Seville, the famous Parque de Maria Luisa, the manufacture of sherry in Jerez de la Frontera, and the quaint town of Arcos perched on a high hill. (IFB) sh, c
SPANISH LANGUAGE

Visual Perception and Failure to Learn.
20 min, B&W, 1967 . . . . $5.00
Uses the Marianne Frostig Developmental Test of Visual Perception to show that the process of perceiving consists of a number of different abilities, each of which may be disturbed relatively independently of the others, and each of which may affect the child's ability to learn in distinctive ways. (AIMS) c
EDUCATION–METHODS

Visual Perception Training in the Regular Classroom.
23 min, B&W, 1970 . . . . $5.00
Demonstrates the integration of training in visual perception with training in language and with the regular curriculum at the preschool and early elementary grade levels. Helps prevent many of the difficulties of children with disabilities in visual perception and also brings the visual perception abilities of "normal" children to the optimum level, in preparation for academic learning. (AIMS) c
EDUCATION–METHODS

Vocal Music.
10 min, B&W, 1950 . . . . $3.50
This film describes the principles behind good singing; demonstrates good and bad posture, correct breathing, tone production and diction and illustrates such common faults as breathiness, tightness, throatiness and nasal tones. (EBF) jh, sh, c, a
MUSIC; VOICE

Vocational Opportunities in High School.
14 min, Color, 1972 . . . . $8.00
A broad sampling of vocational shops and classes is included, as the narrator points out the advantages of early exposure to different trades and fields of employment. Stressed is the idea that a student needs job knowledge and experience if he is to compete favorably in the labor market after graduation. (EBEC) jh, sh
VOCATIONAL GUIDANCE

Vocations in Agriculture.
15 min, B&W, 1964 . . . . $3.50
Illustrates the broad range of vocational opportunities in agriculture and related fields. Emphasizes the need for specialized college training for both farming and non-farming occupations in today's highly-technical, diversified agricultural industry. (Gilbert Altschul Productions; Journal Films) jh, sh
GUIDANCE, VOCATIONAL

Volcanoes in Action.
10 min, B&W, 1935 . . . . $3.50
Presents by photography and animation evidences of past volcanic action and many more of the more important phenomena of volcanism such as dikes, batholiths, sills, laccolith, metamorphism and types of volcanic cones. The distribution of active and inactive volcanoes along with their products of lava, ash, and cinder, throughout the world, is pointed out. (EBF) jh, sh, c
GEOLOGY

Volume and its Measurement.
11 min, B&W, 1960 . . . . $3.50
Using three-dimensional plastic models, this film demonstrates basic principles in measuring volume, and graphically illustrates the meaning of cubic units of measure. Volumes of prisms, pyramids, cylinders, and cones are found both by actual measurement and by the use of mathematical formulae. Practical applications for the use of these formulae are indicated. (Coronet) jh
GEOMETRY

Vom Mittel Gebirge Bis Zu Den Alpen.
10 min, Color, 1971 . . . . $7.00
The major cities of this region are Rothenburg, Frankfurt-am-Main and Munchen. We also visit a small village and farm complex and the Bavarian Alps. (IFB) jh, sh, c
GERMAN LANGUAGE FILMS

Vom Schwarzwald Bis Koln.
9 min, Color, 1971 . . . . $6.00
The Black Forest, Heidelberg, the Rhine, the Moselle vineyards and the Ruhr Valley are highlighted in this film. (IFB) jh, sh, c
GERMAN LANGUAGE FILMS

Von Der Nordseekuste Bis Berlin.
9 min, Color, 1971 . . . . $6.00
This is the land of the Holstein and the large wheat fields of Germany. We visit the port of Hamburg before going on to Berlin, one of the most modern cities of Europe. (IFB) jh, sh, c
GERMAN LANGUAGE FILMS

Vorticity.
44 min, B&W, 1963 . . . . $8.00
This film, in two sections, is concerned with the ideas of vorticity and circulation, and with the related dynamical theorems of Crocco, of Kelvin, and of Helmholtz. The film attempts to clarify, by means of experimental illustrations, the physical significance of these concepts and theorems. (National Committee for Fluid Mechanics Films) c
PHYSICS; POWER (MECHANICS)

Voyage of the Brigantine Yankee.
51 min, Color, 1967 . . . . $19.00
Pictures the Yankee, a two-masted sailing vessel, as it carries skilled Captain Johnson, his wife and college age crew on an exciting globe-girdling voyage. Introduces peoples of little-visited islands. (National Geographic; Films Inc.) sh, c, a
BOATS AND BOATING: ANTHROPOGEOGRAPHY–FAR EAST

W

Wait Until Your Father Gets Home.
11 min, Color, 1970 . . . . $7.00
Male vs. female roles, especially dominance. Should the man run the family, or the woman, or should they share? (Churchill) jh, sh, c, a
GUIDANCE, PERSONAL; WOMEN'S STUDIES

Walking Home from School.
11 min, Color, 1970 . . . . $7.00
Jane's assignment is to look closely at the things around her as she walks home. Looking thoughtfully, she sees detail she hadn't noticed before–in house shapes, street signs, etc. Safety is stressed in crossing streets and driveways. Reading (house numbers, words, etc.) is presented in a natural way. (AIMS) el
CHILDREN'S FILMS

Walt Whitman: Background for His Works.
13 min, B&W, 1957 . . . . $3.50
This film presents Whitman as a true American poet, whose works were strongly influenced by significant facets of the changing nineteenth-century America in which he lived. Scenes of the poet's life and his America gives meaning to selections from his poetry. (Coronet) jh, sh, c
AUTHORS, AMERICAN; BIOGRAPHY; POETRY

Walt Whitman's World.
14 min, B&W, 1966 . . . . $4.00
The original manuscripts of Whitman's diaries and Civil War hospital notes and authentic illustrations of the period provide unusual insights into his feelings and his vast humanity, expressed so unforgettably in his masterwork *Leaves of Grass,* whose humorous early editions are also shown in the film. (Americana Foundation, Inc.; Coronet) jh, sh, c
AUTHORS, AMERICAN; AMERICAN LITERATURE; POETRY

Walter Kerr on Theater.
27 min, Color, 1970 . . . . $13.00
Walter Kerr uses scenes from five plays to display what he believes to be essence of theater-portrayal of inner conflict. (LCA) sh, c, a
DRAMA

War of 1812 (UWF).
20 min, Color, 1957 . . . . $3.50
Causes and highlights of the War of 1812 illustrating the origins of such phrases as "Old Ironsides," and "Don't give up the ship." For use in social studies to explain least-understood war in U.S. history. (U.S. Navy; UWF) el, jh, sh, c
U.S.–HISTORY: 1783-1900; U.S.–NAVY

War of 1812 (Coronet).
14 min, B&W, 1958 . . . . $4.00
Through the experiences of an American seaman this film shows the major areas of battle during the War of 1812, explaining its causes, its broad strategy, and the results. Discusses the War's relationship to the violent Napoleonic era along with American reaction. Explains its long-range effect on the relationship between the U.S. and Canada. (Coronet) jh, sh, c, a
U.S.–HISTORY: 1783-1900; U.S.–NAVY

War of Independence.
23 min, Color, 1957 . . . . $3.50
Presents through still pictures, using the filmograph technique, the general movements of the Continental Army and Navy from 1775 to 1783. Highlights the founding of the Navy, the battle at Valcour Island, John Paul Jones, and Washington's strategy at Yorktown. (U.S. Navy; UWF) el, jh, sh, c
U.S.–NAVY; U.S.–HISTORY; REVOLUTION

Washington Irving's World.
11 min, B&W, 1966 . . . . $3.50
The life and work of one of America's first men of letters are shown through paintings and prints assembled from numerous sources, and with scenes from Irving's beloved home "Sunnyside." The authentic narrative is based on quotations from Irving's works and letters. (Americana Foundation, Inc.; Coronet) jh, sh, c
AMERICAN LITERATURE; AUTHORS, AMERICAN

Waste–The Penalty of Affluence.
18 min, Color, 1973 . . . . $10.00
Unsatisfactory disposal of household, commercial and industrial waste mars the land, threatens water resources, and contributes to air pollution. All this we know, but the film shows how waste can be a potential resource for raw materials–scrap metal can be salvaged, animal wastes processed into fodder, used oils regenerated. (IFB) sh, c, a
ECOLOGY; POLLUTION

Watch That Quotation!
10 min, B&W, 1949 . . . . $3.50
This film teaches the importance of quoting accurately and emphasizes the general importance of authority behind statements, how to quote in speech and in writing, and how to read and listen to quotations. (Coronet) el, jh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Water Crises.
28 min, Color, 1966 . . . . $3.50
Designed to document pollution of Connecticut's water, land and air, this film shows how Connecticut's streams, rivers and lakes have become polluted through thermal, biological and chemical waste products. Some solutions are offered as to how to clean up the state's waterways. The film is designed to alarm and educate the viewer to the seriousness of the pollution problem. (University of Connecticut) jh, sh, c, a
ECOLOGY; POLLUTION; WATER AND WATER SUPPLY

Water Cycle.
10 min, B&W, 1947 . . . . $3.50
Shows the movements of water from ocean to sky to rain to streams, rivers and back to oceans. The motion picture describes by actual photography and animation how the circulation of water is divided into atmospheric and ground circulation, how clouds form, how storms develop, how droplets of water collect and how rain falls, and follows the movements of surface and underground water. (EBF) el, jh, c
WATER AND WATER SUPPLY; WEATHER

Water for Dry Land.
20 min, B&W, 1950 . . . . $5.00
People who live in dry regions are chiefly concerned with obtaining an adequate water supply. Man's dependence on water is emphasized in contrasts between life at oases and in surrounding desert wastes. Gigantic irrigation projects show how the problem of water supply has been met in the southwest. Water for the region is channeled from the Rocky Mountains watershed through the Colorado River and its tributaries. Great dams in the rivers store water. Water released from dams furnishes the people's water supply, water for irrigation, and generates electricity. Irrigation of southern valleys has transformed them into excellent farmlands. The abundance of low-cost electric power has brought about extensive development of large cities and industries. (UWF) el, jh, sh, c, a
U.S.–REGIONS; WATER AND WATER SUPPLY

Water For Farm and City.
14 min, B&W, 1959 . . . . $3.50
Portrays the effect of water upon the lands and its people. It shows areas which never have enough water...where people have to buy even the water they drink...areas which have more water than they can use...those where water comes all at once...those where nature alone provides a year-round supply. The film story includes case studies of farmers and ranchers across the country who join forces with nature in an effort to prevent floods, keep silt out of rivers and reservoirs, and insure enough water for use at the right time in the right places. (USDA) jh, sh, a
AGRICULTURE–ECONOMIC ASPECTS; SOIL CONSERVATION; WATER AND WATER SUPPLY

Water in the Air.
10 min, B&W, 1949 . . . . $3.50
Two boys caught in a sudden summer shower learn from their own experiences the mechanics and meaning of the water cycle. (Films Inc.) el, jh
ATMOSPHERE; WEATHER; WATER AND WATER SUPPLY

Water Is So Clear That A Blind Man Could See.
30 min, Color, 1970 . . . . $13.00
New Mexico's Taos Indians do not exploit ecology. Like other Indian nations, the Taos believe that all life is sacred–including plants–and have lived for years without upsetting the delicate balance of nature. They consider animals as brothers and when they eat animal flesh they do so only out of necessity. Every part of the animal is utilized and each person consumes only what he needs, no more. In 1906 the land of these Indians was taken from them and by special permit they can use it until 1983. The lumber companies want to start cutting the forest and the Blue Lake Area, sacred to the Indians, will be ruined. (NET) sh, c, a
ECOLOGY; INDIANS OF NORTH AMERICA

Water Safety: A First Film.
11 min, Color, 1973 . . . . $7.00
Demonstrates with underwater photography safe and unsafe attitudes and practices around water. Various rescue techniques are examined closely. (AIMS) el, jh
SAFETY EDUCATION

Water Works for Us.
10 min, B&W, 1949 . . . . $3.50
Another Elementary Science film, this film illustrates the many ways in which water works for us in our everyday life. Explains the concept of *water pressure*, including the factors which govern it. Explains how water works for us in and outside the home as a liquid, as a gas, and as a solid. (McGraw-Hill) el
WATER AND WATER SUPPLY; PHYSICS; SCIENCE, GENERAL

Watercolors in Action.
12 min, Color, 1961 . . . . $7.00
Describes the direct method used by many contemporary water colorists, and demonstrates different techniques used in painting landscape. (IFB) jh, sh
ART–STUDY AND TEACHING; PAINTING AND PAINTINGS

Wave Motion: Diffraction.
8 min, B&W, 1971 . . . . $3.00
Demonstrates the phenomena of optical diffraction by viewing an illuminated slit and altering its aperture; then examines in a ripple tank the nature of diffraction and the resulting interference fringes. (Gateway Educational Films; IFB) c
SCIENCE, GENERAL

Wave Motion: Interference.
7 min, B&W, 1971 . . . . $3.00
An experiment in the teaching of wave motion which shows true forms of interference patterns on the surface of water. (Gateway Educational Films; IFB) sh, c
SCIENCE, GENERAL

Way It Is.
60 min, B&W, 1967 . . . . $10.00
A vivid documentary which takes the viewer into the chaos of the ghetto school and reports on what is being done in one particular school to remedy this situation. Focusing on Junior High School 57 in the Bedford-Stuyvesant section of Brooklyn, the workers with a New York University special learning project are candidly shown in classrooms, teachers' meetings, and visits with parents. Moderate success in reaching the children was achieved only when many different approaches were adopted. (NET) sh, c, a
BLACK AMERICANS; SOCIOLOGY

Ways of Water.
13 min, Color, 1971 . . . . $7.00

This non-narrated film follows stages of the water cycle in the wilderness areas of the Olympic Peninsula in Washington. (EBEC) jh, sh

WATER AND WATER SUPPLY

Ways to Better Conversation.

10 min, B&W, 1950 . . . . $3.50

Audiences will see the part played by being courteous, inclusive and respective, contributing, following the subject and listening during the course of a good conversation. Contrast between a good and poor conversation demonstrates the rules that lead to better discussion. (Coronet) jh, sh

COMMUNICATION; SPEECH

Ways to Good Habits.

10 min, B&W, 1949 . . . . $3.50

Children in the lower grade levels are developing the habits which they will have throughout their lives. Instead of merely reiterating the old theme, "Don't do that–that's a bad habit," this film shows the importance of habits, good or bad. Through real situations it demonstrates how to substitute good habits for bad ones. (Coronet) el

SOCIAL ADJUSTMENT, PARENT AND CHILD

We Are One.

15 min, B&W, 1970 . . . . $3.50

Contrasts the lives led by children in the Third World with those led by children in the industrial nations. Emphasizes that the plight of Third World children is of significance to the entire world. (UNICEF; Association-Sterling) c, a

CHILD STUDY; POVERTY; SOCIOLOGY

We Discover Equivalent Fractions.

13 min, Color, 1970 . . . . $7.00

Explains how different fractions can name the same-size parts of an object or a group, and how they can be represented on the number line. (Coronet) el

MATHEMATICS

We Discover Fractions.

11 min, Color, 1970 . . . . $7.00

Jimmy's birthday party shows how fractions are used, how they are shown on the number line, and the meaning of denominator and numerator. (Coronet) el

MATHEMATICS

We Discover the Dictionary.

11 min, B&W, 1965 . . . . $3.50

A problem in letter-writing introduces the practical applications of the dictionary–in spelling, pronunciation and word definition. Use of dictionary tabs, guide words and diacritical marks are explained to familiarize pupils with the mechanics of "looking it up" in the dictionary. Introduction is also made to specialized dictionaries and the several fields of study in which they may be used. (Coronet) el

ENGLISH LANGUAGE–COMPOSITION AND EXERCISES; SPELLING; STUDY SKILLS

We Grew A Frog.

13 min, Color, 1971 . . . . $7.00

This film shows the steps in planning a science project as well as the results. Growing a frog is the project of an elementary grade class, who find the eggs in a pond, prepare the aquarium, observe the tadpoles, and finally return the little frogs to the natural habitat. (Boulton-Hawker Films; IFB) el, jh

SCIENCE, GENERAL

We Need Each Other: Autumn Across America.

50 min, Color, 1970 . . . . $19.00

This film moves across the continent as fall takes over, observing the changes brought by this most colorful season. It also takes an "editorial" position on the imbalances imposed upon nature by such things as animal bounties, redwood deforestation, and the lingering effects of DDT. (Hubel-Leiterman, Ltd.; Xerox Films) jh, sh, c, a

ECOLOGY; SEASONS

We Need Each Other: North with the Spring.

52 min, Color, 1970 . . . . $19.00

Follows spring northward from the Everglades to the Canadian Arctic, pausing here and there to observe how changes in the balance of nature are affecting the entire environment. (Award Winner) (Hubel-Leiterman Ltd.; Xerox Films) jh, sh, c, a

ECOLOGY; SEASONS

We Use the Number Line.

11 min, Color, 1970 . . . . $7.00

An artist animates a number line to show its usefulness in representing "how many" and in understanding addition and subtraction. (Coronet) el

MATHEMATICS

Weaves.

12 min, Color, 1965 . . . . $7.00

Demonstrates various weaving processes. Shows a weaver at her handloom and the preparation for an exhibit. (Homi D. Sedthna; IFB) jh, sh, c

ARTS AND CRAFTS

Welfare Revolt.

60 min, B&W, 1967 . . . . $10.00

A report documenting the complaints of welfare recipients and their attempts to change the system by organizing local unions. Complaints range from the need for additional money to the impossibility of establishing a change by means of group pressure. The federal government's emphasis on training programs is described. Organized demonstrations are shown in Cleveland and in Washington, D.C. (NET) sh, c, a

POVERTY; SOCIAL CONDITIONS

We'll See Tomorrow.

10 min, Color, 1971 . . . . $7.00

The film depicts those shop hazards that can cause serious eye injury. It further demonstrates the eye safety devices that can prevent these injuries from happening. (Journal Films, Inc.) jh, sh, c, a

INDUSTRIAL ARTS

We're On Our Way.

30 min, Color, 1967 . . . . $3.50

Promotes conservation practices by showing how young people alone and in organizations can, on their own initiative, improve communities by inaugurating conservation activities and programs. Background music by the Serendipity Singers. (Eastman Kodak Co. & Coca-Cola Co.; Nat'l. Youth Conf. on Nat'l. Beauty & Conservation) el, jh, sh

CONSERVATION; ECOLOGY; POLLUTION

West Indies.

22 min, B&W, 1965 . . . . $5.00

This film is a graphic illustration of the startling contrast between the beauty of the West Indies and the harsh living conditions of a majority of the people. Geographic features unite these islands; cultural and political factors divide them. The film is structured to provide classroom discussions on the problems these islands face: over-population, scarcity of land and natural resources, and limited opportunities for education and employment. (EBEC) el, jh, sh

WEST INDIES; HAITI; PUERTO RICO

West of Charles Russell.

53 min, Color, 1970 . . . . $19.00

Charles Russell painted and commented on an era that was fading into the past. He caught and preserved the old West that really was, its spirit living on in his paintings. (NBC) jh, sh, a

ARTISTS; U.S.–HISTORY

Western Newfoundland.

28 min, Color, 1970 . . . . $3.50

Highlights the rugged beauty of Western Newfoundland's mountains, lakes and rivers–an exciting and colorful place to explore. (Lee Wulff Prod.; CTF) el, jh, sh, c, a

CANADA–DESCRIPTION AND TRAVEL

Westminster Abbey (Symphonies in Stone Series).

10 min, B&W, 1942 . . . . $3.50

Among tombs of kings and queens is the shrine of St. Edward, the founder of the Abbey. The vaulted roofing and flying buttresses are remarkable architectural features. The coronation stone and chair, the unknown soldier's tomb are links with modern history. (Post) sh, c, a

ENGLAND; ARCHITECTURE

Westward Movement: Settlers of the Old Northwest Territory, Part I.

15 min, B&W, 1963 . . . . $4.00

15 min, Color, 1963 . . . . $8.00

Describes the colonization of the Old Northwest Territory during the post-Revolutionary War period. Explains the political and economic effects of the provisions of the Northwest Ordinance on the movement; shows the development of commerce and of transportation in the land, raising crops, building homes, and dealing with hostile Indians. (EBF) el, jh

FRONTIER AND PIONEER LIFE; AMERICA–DISCOVERY AND EXPLORATION; U.S.–HISTORY 1783-1900

Westward Movement: Settlement of the Mississippi Valley, Part II.

16 min, B&W, 1963 . . . . $4.00

16 min, Color, 1963 . . . . $8.00
Shows the rapid transformation of the Mississippi Valley during the early 1800's, from a vast wilderness into a land of productive farms and thriving communities. Illustrates the ingenuity and spirit of these early settlers in solving their problems and meeting basic needs. Also reveals the particular skills and crafts developed in this region by dramatizing sequences from the lives of farmers, flatboatmen, traders and craftsmen. (EBF) el, jh
FRONTIER AND PIONEER LIFE; U.S.–HISTORY: 1783-1900

Westward Movement: Settling of the Great Plains, Part III.
17 min, B&W, 1965 . . . . $4.00
17 min, Color, 1965 . . . . $8.00
Recaptures the atmosphere and the spirit of "homesteading" on the Great Plains through imaginative use of authentic photographs, documents, and illustrations of the period. Enumerates the geographic and cultural factors that hampered permanent settlement of the plains and describes the developments which made it possible for the homesteaders to overcome seemingly impossible odds. Includes colorful sequences on the life of the American cowboy, the "fence wars" between farmers and cattlemen, the expansion of railroads, and the transformation of the Great American Desert. (EBF) el, jh, sh
FRONTIER AND PIONEER LIFE; U.S.–HISTORY: 1783-1900

Westward Movement: Texas and the Mexican War, Part IV.
18 min, B&W, 1966 . . . . $5.00
18 min, Color, 1966 . . . . $10.00
Reviews the causes of the Texas settlers' revolt which led to independence for Texas. Ties the annexation of Texas to issues of slavery and territorial expansion. Points out that the U.S. paid the price of ill-will in Latin America and political crisis at home by winning the war with Mexico. (EBF) jh, sh
U.S.–HISTORY: 1783-1900; FRONTIER AND PIONEER LIFE

Westward Movement: The Gold Rush, Part V.
23 min, Color, 1965 . . . . $10.00
How the discovery of a few glittering particles of metal at Sutter's Mill changed the history of California–and of our nation–is vividly related. The film shows the nation in the grip of "gold fever," and reveals in poignant terms the hopes and heartbreaks of the gold rush. Filmed in the Mother Lode Country of California and Columbia Historic State Park. (EBF) el, jh, sh
FRONTIER AND PIONEER LIFE; U.S.–HISTORY: 1783-1900

What About Prejudice.
12 min, B&W, 1963 . . . . $3.50
Bruce Jones, the victim of prejudice, is never seen in this film. His fellow students dislike him, but the reason for their dislike is never revealed. Each person viewing the film will identify Bruce within their own scope of prejudice as the film examines the damage done to Bruce by his classmates and shows the individual's emotional reactions when the "truth" is learned. (McGraw-Hill) c
GUIDANCE, PERSONAL; SOCIAL ADJUSTMENT; CITIZENSHIP

What Are Decimals?
10 min, B&W, 1948 . . . . $3.50
By use of examples from everyday child life, the component parts of decimal fractions, the names of the decimal required in each respective place, the particular significance of the position of the decimal point and the practical advantages of the decimal system are made clear to the arithmetic student. The emphasis throughout the film is on the physical significance of the measurements or quantities discussed; so that meaning, not memorization, results. (Films, Inc.) el
ARITHMETIC

What Are Fractions?
10 min, B&W, 1948 . . . . $3.50
By use of examples from everyday child experience, the relationship of parts to the whole, the reason for writing a fraction as we do, the difference between the numerator and the denominator, fractional parts of groups, and many other important concepts are developed in the film. (Films, Inc.) el
ARITHMETIC

What Are Stars Made Of?
16 min, Color, 1960 . . . . $8.00
Explores, using live-action photography, the kind of questions astronomers seek to solve, their methods and tools for finding solutions, and the new questions each investigation raises. (Visual Ed; IFB) jh, sh, c
ASTRONOMY

What Are We Doing To Our Children? Part I.
30 min, Color, 1973 . . . . $13.00
Describes conditions in treatment centers for maladjusted children. Points out how these centers have the earmarks of an archaic prison system; a high probability of forced homosexual acts from overcrowding with older, repeated offenders, inadequate rehabilitation and educational programs, and detached psychologists. As Dr. Robert Coles of Harvard says, "What we are doing to the children of the poor is to leave them vulnerable to the handicaps of their families and the wrath of society." (CBS; Carousel) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); SOCIAL PROBLEMS; SOCIOLOGY; PSYCHOLOGY

What Are We Doing To Our Children? Part II.
15 min, Color, 1973 . . . . $8.00
Shows how welfare regulations which disqualify families with resident fathers break up those families. Children lose their fathers and may also lose their mothers if they go to work. Describes how daycare centers attempt to counteract this trend by providing a kind of "alternative" family, but reveals this is woefully inadequate in light of the fact only 10% of working poor's children are in daycare centers. (CBS; Carousel) c, a
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); SOCIAL PROBLEMS; SOCIOLOGY

What Color Are You?
15 min, Color, 1968 . . . . $8.00
Three boys representing the Mongoloid, Caucasian, and Negro races are shown at Brookfield Zoo and Riverview Amusement Park in Chicago. This film explores the subject of race in an intelligent manner by indicating heredity's role in determining skin color. The boys illustrate that labels like yellow, white, and black are exaggerations, since all skin colors are composed of the same few ingredients. (EBEC) el, jh
GENETICS, HUMAN; HUMAN RELATIONS; SOCIOLOGY

What Did You Learn In School Today?
48 min, B&W, 1973 . . . . $9.50
Newswoman Joan Murray narrates this examination of an alternative educational method, the "open classroom," being used in some schools in England and the United States. After interviewing Lady Bridget Plowden, whose report on education altered many English classrooms, cameras visit North Dakota, a state changing entirely to the "open classroom;" the Grape School in Watts, Los Angeles; and a teacher-training workshop in Connecticut. A segment of the film focuses upon the idea of "satellite" or "mini" high schools in order to show changes going on in suburban schools. (NET) sh, c, a
EDUCATION–ALTERNATIVE

What Do Girls Want From Boys?
9 min, Color, 1971 . . . . $6.00
Why do girls often prefer older boys? Why do some boys resent girls their own age? (Churchill) jh, sh, c, a
GUIDANCE, PERSONAL

What Do I See, How Do I Feel?
11 min, Color, 1969 . . . . $7.00
Examines the environment and the personal relationships to it of three young people: a farm youth about 12, a Negro boy of about the same age, and a young girl living in a large city. (AIMS) jh, sh, c
GUIDANCE, PERSONAL; HUMAN RELATIONS

What Do They Eat?
5 min, Color, 1971 . . . . $6.00
Shows how animals depend on plants and other animals and insects in an environmental system of eating and being eaten. (EBEC) el
ANIMALS: HABITS AND BEHAVIOR

What Do We Know About Teeth?
14 min, Color, 1962 . . . . $3.50
This film shows second grade children discussing and illustrating by means of pictures and play activities the answers to the following questions: (1) Why do we have to go to the dentist? (2) How should we brush our teeth? (3) What do different foods do to our teeth? Cleared for television. (ADA) el
HEALTH; HYGIENE; TEETH

What Does Our Flag Mean?
11 min, Color, 1967 . . . . $7.00
When Susy Kim and her family become citizens, the neighborhood and children make flags and surprise them with a parade. (Coronet) el
PATRIOTISM

What Is A Bird?
16 min, Color, 1962 . . . . $8.00
Laboratory experiments and animation are used to show how birds' feathers insulate them from cold and protect them from heat, how the migratory habits of birds are studied, and how various aspects of bird structure make flight possible. Shows such unique adaptations in a wide variety of birds as the flippers of the penguin; the feet and legs of the ostrich, the rhea, the duck, and the jacana; the toes of the woodpecker; the talons of the hawk; the beak of the parrot, the flamingo, the pelican, and the hummingbird. (EBF) sh, c
ADAPTATION (BIOLOGY); BIRDS

What Is A Computer?
19 min, Color, 1971 . . . . $10.00
The film establishes what a computer is in the simplest possible terms. (EBEC) sh
ELECTRONIC COMPUTERS

What Is A Contract?
10 min, B&W, 1948 . . . . $3.50
Two youngsters take summer jobs to buy the things they've always wanted, only to find themselves jobless and debtors in the middle of the summer. But by a contract their problems are happily solved. This film provides an opportunity to study the elements of mutual assent, competent parties, legal bargain and consideration in both oral and written contracts. (Coronet) sh, c
BUSINESS; LAW

What Is A Corporation?
10 min, B&W, 1949 . . . . $3.50
This film differentiates between the three principal forms of business ownership; single proprietorship, partnership, and corporation. The study of business ownership is introduced and the advantages and disadvantages of each type shown. (Coronet) jh, sh, c
BUSINESS; LAW

What Is A Fish?
22 min, B&W, 1963 . . . . $5.00
Illustrates the major types of fishes. Shows the anatomy of a typical fish and demonstrates characteristic behavior patterns of various kinds of fishes. Underwater photography is used to reveal behavior patterns such as commensalism, spawning, predation and territoriality. (EBF) sh, c
FISHES; MARINE BIOLOGY

What Is A Force?
11 min, B&W, 1966 . . . . $3.50
A force can cause an object at rest to move and it can cause a moving object to go slower or faster, or to change direction. Through four types of examples, the film arrives inductively at a general conclusion of how forces act to overcome inertia, causing changes in motion. (Coronet) el, jh
PHYSICS

What Is A Good Observer?
30 min, B&W, 1956 . . . . $6.50
One in a series of six filmed lectures by Irving J. Lee of Northwestern University under the title "Talking Sense!" Considers the differences between a good and a bad observer. Points out that the use of conclusions based on observations of similarities alone results in a limitation of our awareness of the world, while the use of conclusions based on observation that also considers differences is a work of the mature mind. (Iowa State University TV; Indiana University) sh, c, a
COMMUNICATION; PSYCHOLOGY

What Is A Mammal?
14 min, B&W, 1962 . . . . $4.00
14 min, Color, 1962 . . . . $8.00
Demonstrates the basic structural and behavioral characteristics of mammals and describes their successful adaptation to a wide variety of ecological niches. Compares reptilian and mammalian characteristics, such as reactions to temperature, reproduction, sense organs, and skull structure. Discusses the evolution of mammals, illustrates their variety, and shows their distribution. (EBF) sh, c
ADAPTATION (ANIMALS); EVOLUTION; ZOOLOGY

What Is A Reptile?
18 min, B&W, 1962 . . . . $5.00
18 min, Color, 1962 . . . . $10.00
This film illustrates representative kinds of the four orders of reptiles and describes their physical characteristics, reproductive processes, and evolutionary development. Discusses reasons for the reptile's successful evolution and survival–the evolution of the land egg, the waterproof skin, and the improved limbs. Describes the characteristics and behavior of a wide variety of reptiles. (EBF) sh, c
REPTILES; ZOOLOGY

What Is An Amphibian?
11 min, B&W, 1962 . . . . $3.50
11 min, Color, 1962 . . . . $7.00
Illustrates the body structure and the process of amphibians and shows how they are adapted to live in water and on land. Presents the development of an amphibian from egg to maturity and traces the origin and evolution of the amphibian. Discusses the ways in which the study of amphibians has contributed to man's knowledge of embryology and development. (EBF) sh, c
AMPHIBIA; ZOOLOGY

What Is An Integral? Part I.
29 min, B&W, 1963 . . . . $6.50
This film is intended for students who have already seen the definition of the Riemann integral as a limit of sums, and who would like to obtain a deeper understanding of the ideas of integration. It points out that the definite integral of a function on the interval from 0 to 1 is simply an average value of the function. Furthermore, any averaging process that obeys certain reasonable assumptions has to be the ordinary definite integral. (Mathematical Association of America) sh, c
MATHEMATICS

What Is An Integral? Part II.
29 min, B&W, 1963 . . . . $6.50
This film is intended for students who have already seen the definition of the Riemann integral as a limit of sums, and who would like to obtain a deeper understanding of the ideas of integration. Part II of this film subject points out that many new ways of averaging functions can be introduced. However, all of them are integrals of the Reimann-Stieltjes type. Integrals of this sort are briefly described and the representation theorem of F. Reisz is stated. This Theorem is not proved in the lecture. Teachers may wish to give an outside proof of it. (Mathematical Association of America) sh, c
MATHEMATICS

What Is Art?
6 min, Color, 1954 . . . . $6.00
This film presents a vivid parade of all the elements featured in the ART IN ACTION Series–color, line, texture, form and light and dark. Children are encouraged to discover the basic elements in the world around them, to find new relations, to experiment with a variety of materials, and to understand what the elements mean in terms of art. (EBF) el
ART; ART–STUDY AND TEACHING

What Is Ecology?
11 min, Color, 1963 . . . . $7.00
Introduces the study of ecology by illustrating the wide variety of interrelationships between plants, animals, and their environment. Shows how biologists study these interrelationships and explains the importance of such studies to mankind. The major biomes of the world are introduced. (EBF) sh, c
ECOLOGY; SCIENCE, GENERAL

What Is Electric Current?
14 min, B&W, 1967 . . . . $4.00
14 min, Color, 1967 . . . . $8.00
Points out there is an electric current only when electricity has a complete circuit through which to flow; that electricity can flow in either direction; that electric current is a flow of electric charges which are in all materials. (EBEC) el, jh
ELECTRICITY; SCIENCE, GENERAL

What Is Science?
11 min, B&W, 1966 . . . . $3.50
Jack and his class learn that science is a never-ending search for knowledge, a product of the mind that begins with curiosity. In trying to determine whether a freshly picked apple is alive, Jack's class observes, sets up hypotheses, devises experiments, collects data, does research and reaches tentative conclusions, such as a scientist would in solving a problem. (Coronet) el, jh
SCIENCE, GENERAL

What Is Soil?
11 min, B&W, 1948 . . . . $3.50
A boy finds out by his own experiments what soil is made from. The effects of rain, wind, and ice upon rock is demonstrated. (Films, Inc.) el, jh
GEOLOGY

What Is Sound?
11 min, B&W, 1949 . . . . $3.50
Designed as one of the Elementary Science series, this film provides an elementary discussion of the nature, source and transmission of sound waves. (McGraw-Hill) el
SOUND; SCIENCE, GENERAL

What Makes A Desert?
11 min, B&W, 1949 . . . . $3.50

This Elementary Science film explains and illustrates the geographic and climatic factors that create a desert area, with particular reference to the deserts of the southwest United States. Uses a combination of photography and animation to discuss such factors as prevailing winds, and mountain barriers. Also points out how desert land can be reclaimed by irrigation. (McGraw-Hill) el
CLIMATE

What Makes Atoms Stick Together?
30 min, B&W, 1955 .... $6.50
Through the use of numerous models and devices, shows the structure and unique characteristics of atoms. Reviews the significant studies of Rutherford, Bohr, and others, relevant to atomic structure. Emphasizes the remarkable stability of atoms. Provides an explanation to account for this stability. Explores the particle and wave characteristics that electrons exhibit. Demonstrates how this wave nature of electrons is established by interference effects. Shows how the number of electrons in orbits about the nucleus causes the behavior of certain elements in the Periodic Table. Outlines some of the consequences of thinking of electrons as having both particle and wave properties. (KQED; NET) sh, c, a
ATOMIC ENERGY; SCIENCE, GENERAL

What Makes Clouds?
19 min, Color, 1965 .... $10.00
A close look is taken at fog and at a cloud noting that both are composed of droplets of water. Where did the water come from? Evaporation and transpiration are sources of invisible water vapor and their existence alone does not explain how the cloud forms from the vapor. An experiment with condensation produces fog in a bottle and the film concludes with an investigation of how condensation occurs in nature. (EBF) el, jh, sh, c, a
ATMOSPHERE; SCIENCE, GENERAL; WEATHER

What Makes Day and Night?
8 min, B&W, 1947 .... $3.00
Explains the causes of day and night and why only half the earth can be lighted at one time. (McGraw-Hill) el
SOLAR SYSTEM

What Makes Muscle Pull: The Structural Basis Of Contraction.
9 min, Color, 1972 .... $6.00
The contractile system of striated muscle is carefully dissected and its component protein molecules identified and reassembled step-by-step to show the transition between the hydrolysis at ATP and the performance of mechanical work. (John Wiley and Sons, Inc.) c
BIOLOGY; PHYSIOLOGY

What Makes Things Float?
10 min, B&W, 1951 .... $3.50
Buoyancy attracts the unending interest and curiosity of children. It is an omnipresent phenomenon and one which is often confusing. This film demonstrates with interesting recognizable situations, the basic principles of floating. (Films, Inc.) el
PHYSICS

What Man Shall Live And Not See Death?
57 min, Color, 1971 .... $19.00
There is a "conspiracy of silence" surrounding the subject of death. Through conversations with doctors, clergymen, terminally ill patients and bereaved people, the silence is lifted. This study of death and how Americans deal with it provides insight into a profound and universal experience. (NBC) jh, sh, c, a
PHILOSOPHY; PSYCHOLOGY

What Our Town Does For Us.
10 min, B&W, 1955 .... $3.50
When Billy goes to his town hall to buy a bicycle tag, he sees the services provided the community by its government. Billy's tour of the town hall shows young audiences how community governments are organized, and Billy learns that the bicycle tax and other taxes support community government. (Coronet) el
COMMUNITY SERVICES

What The Frost Does: Background for Reading and Expression.
10 min, B&W, 1953 .... $3.50
Young audiences share a little boy's excitement as he finds a pumpkin in his father's field, and as he watches eagerly for frost time to pick it. Showing signs of seasonal changes and the effects of frost, the film guides children's observation of events, and provides a stimulating point of departure for further class activities. (Coronet) el
SEASONS; WEATHER

What's New At School?
45 min, B&W, 1972 .... $8.00
Contrasts traditional primary level classroom with progressive "open classroom." Examines how an inflexible, institutionalized environment stifles students and teachers, while an experimental and cooperative one excites and encourages them. (CBS; CAROUSEL) jh, sh, c, a
EDUCATION–ALTERNATIVE

What's Right?
11 min, Color, 1969 .... $7.00
Through the use of four situation-type episodes, the primary grade viewing students are asked to find answers to problems in regard to morals and manners. (AIMS) el
GUIDANCE, PERSONAL

What's Under Your Hood? (2nd Edition).
11 min, Color, 1973 .... $7.00
A working model engine and animation offer a quick invaluable course in how an automobile engine works. (AIMS) jh, sh, c
SAFETY EDUCATION

What's Your Authority?
11 min, Color, 1971 .... $7.00
Two episodes examine the nature of authority and prepare the child to cope with the authorities he will encounter at home, at school, and in society. (EBEC) jh
GUIDANCE–PERSONAL

Wheat Farmer.
15 min, Color, 1955 .... $8.00
Describes the daily life of a wheat farmer and his family in a typical midwestern area. Shows how the soil is prepared and how winter wheat is planted. Other activities are portrayed such as milking cows, attending a 4-H Club meeting, hiring and feeding harvest hands, harvesting the grain, and finally transporting it to the elevator. (EBF) el, jh, sh
FARM LIFE

Wheel On The Chimney.
7 min, Color, 1969 .... $6.00
Uses pictures, words and music from the book by Margaret Wise Brown, to tell the story of how a stork nests on cartwheels fastened to the chimneys of European farmhouses. (Weston Woods) el
CHILDREN'S FILMS

When Should I Marry.
19 min, B&W, 1960 .... $5.00
A young couple, eager to marry but urged by their parents to delay, ask a minister's advice. He describes the experiences of two other couples who married at an early age. From the description, he is able to summarize some practical points that should be of help to all young people in answering the question of when to marry. (McGraw-Hill) sh, c
MARRIAGE

When You Grow Up.
12 min, Color, 1973 .... $7.00
"What do you want to be when you grow up?" With this look at a world where grown-ups work to produce the goods and services we need, students become aware that they will someday choose from many careers. They learn that though there are many differences in careers, careers are in some ways the same: people feel pride in doing useful work, in doing a good job, and in earning money for the things they need. (AIMS) el, jh
VOCATIONAL GUIDANCE

Where Do Our Letters Go? (The Postal System).
10 min, B&W, 1955 .... $3.50
Planning a surprise party for Jerry's birthday, his mother and sister mail invitations to Jerry's friends. Seeing how the invitations are prepared for mailing, how they are handled at the post office, and how they reach their destinations helps children understand the workings of our postal system. (Coronet) el
POSTAL SERVICE

Where Does Life Come From?
6 min, Color, 1971 .... $6.00
Concepts of reproduction, growth, and life cycles are introduced through a study of life forms that develop from seeds and eggs. Time-lapse and close-up photography reveal the miracle and continuity of life. (EBEC) el
REPRODUCTION, ANIMALS; REPRODUCTION, PLANTS

Where Is Prejudice.
60 min, B&W, 1967 .... $10.00
Twelve college students of different races and faiths are candidly shown while participating in a week-long workshop to test their common denial that they are prejudiced. The workshop is under

the guidance of Dr. Max Birnbaum, director of the Human Relations Laboratory at Boston University. As frank discussion and questioning of one another continues, latent prejudices emerge. The participants are unable to cope with this revelation. (NET; Indiana University) c, a
HUMAN RELATIONS; SOCIAL PROBLEMS

Where There's A Will.
28 min, Color, 1957 . . . . $3.50
This largely inspirational film portrays the possibilities for the adjustment of the handicapped mother to a normal and satisfying role. The picture includes an introduction by Dr. Lillian Gilbreth and shows various ways in which four handicapped mothers have succeeded in caring for their children in spite of their difficulties. (University of Connecticut, School of Home Economics in cooperation with John L. Schwab Associates and the Office of Vocational Rehabilitation) c, a
SOCIAL SERVICES

Whistle for Willie.
6 min, Color, 1965 . . . . $6.00
When a little boy wants to be able to whistle for his dog, he tries very hard to learn how. The story of his trying is told in such lovely simple words and beautiful glowing pictures that learning to whistle seems to be the happiest thing any boy could possibly do. (Viking; Weston Woods) el
CHILDREN'S FILMS

White House Past and Present.
14 min, Color, 1960 . . . . $8.00
This colorful film journey through the White House is more than a panoramic presentation of rooms and surrounding grounds because it re-creates some of the history of the White House. Highlights include views of the Blue Room, the Green Room, the Red Room, the huge State Dining Room, the China Room (with closeup views of dinnerware used by former presidents), the Oval Room, the East Room, and the President's Office. (Coronet) jh, sh, c, a
ARCHITECTURE; U.S.–HISTORY; U.S.–PUBLIC BUILDINGS

Who Cops Out?
11 min, Color, 1969 . . . . $7.00
Raises the question of the choices today's adolescents make when faced with the confusion and uncertainty of the teenage years. (State Mental Health Authorities of California; IFB) jh, sh
GUIDANCE, PERSONAL

Who Invited Us?
60 min, B&W, 1970 . . . . $10.00
This documentary reviews the history of the United States military intervention beginning with the take-over of the Philippines and continuing through the Vietnam War. Much of this intervention has been based on a basic conflict between capitalism and socialism which dates back to 1918 when we sent 10,000 troops to attempt an overthrow of the new Soviet state. Economically motivated intervention, such as our invasion of Guatemala in 1953 "to overthrow a Left Wing government that had defied the United Fruit Company," and the role of the CIA, which sometimes triggers intervention, are also examined. (NET) sh, c, a
POLITICAL SCIENCE; U.S.–HISTORY

Who Is Sylvia?
27 min, B&W, 1957 . . . . $6.50
Presents a sensitive study of the dreams, fears, and hopes of a fourteen-year-old girl and her relationships with her family, school, and friends. (NFBC; IFB) sh, c
CHILDREN (THREE TO FIFTEEN YEARS OF AGE); GUIDANCE, PERSONAL

Who Killed Lake Erie?
51 min, Color, 1969 . . . . $19.00
Pollutants are poured into Lake Erie by the millions of gallons every day. This pollution, costly to industry, dangerous to life, and deadly to the human spirit is something that man can control. Yet, by pleading that the cost will be enormous, we are ignoring the fact that man is making this planet uninhabitable. (NBC) jh, sh, c, a
ECOLOGY; POLLUTION

Who Needs Rules?
11 min, Color, 1971 . . . . $7.00
Two episodes follow an opening montage ranging from the simple everyday rules of getting along to more complex rules of federal law. (EBEC) jh
GUIDANCE, PERSONAL; SOCIAL ETHICS

Who Shall Reap.
28 min, Color, 1969 . . . . $3.50
Dramatizes the never-ending struggle of farmers the world over to protect their crops and livestock from the ravages of insects, diseases, weeds, and other pests. It contrasts the primitive, ineffectual pest control methods still in use in many parts of the world with sophisticated modern control technology developed in this country and the substantial benefits to the consumer and to the nation resulting from the use of this technology. (Cleared for TV) (USDA) el, jh, sh, c, a
AGRICULTURE; FOOD SUPPLY

Whole World Is Watching.
55 min, B&W, 1969 . . . . $9.50
Television reporters including David Brinkley and Walter Cronkite and critics such as Senator John O. Pastore and John Fischer help probe the question of bias in television newscasting. David Brinkley contends that a person who is completely objective would be virtually a vegetable and that what he strives for is fairness, not simply objectivity. The topics discussed include television coverage of the 1968 Democratic National Convention and restraints upon television–such as how advertising may influence what news is broadcast. (NET) sh, c, a
COMMUNICATION; MASS MEDIA; TELEVISION

Why Animals Live Where They Do.
11 min, Color, 1969 . . . . $7.00
A study of animals in a forest, grassland, desert and pond shows why each is suited for living in a particular place. (Coronet) el
ANIMALS, HABITATIONS

Why Budget? (Home Management).
10 min, B&W, 1954 . . . . $3.50
Discusses the importance of the budget to individuals and families of all income levels. Explains what the budget is, how it is set up in relation to needs and income, and what is to be gained by following a well-planned budget. (McGraw-Hill) jh, sh, c
CONSUMER EDUCATION

Why Can't Jimmy Read?
15 min, B&W, 1950 . . . . $4.00
Follows Jimmy, a nine-year-old with reading difficulties, through successive remedial procedures of the Syracuse University Reading Clinic. (SYRACUSE UNIVERSITY; IFB) c, a
EDUCATION–METHODS; READING

Why Do We Still Have Mountains?
20 min, Color, 1965 . . . . $10.00
This film investigates one of the most fundamental concepts in geology–the struggle between weathering and erosion and the deformation of the Earth's crust. Simple measurements show that erosion should long ago have reduced North America almost to sea level. The film explores this apparent paradox by looking at the very nature of mountains. Many natural scenes are included as well as some laboratory experiments. The film concludes with a look at careful bench-mark measurements over a 40-year period. These benchmarks prove that in certain places uplift is occurring today at rates which could easily produce mountains in a geologically short time. (EBF) jh, sh, c
GEOLOGY

Why Man Creates.
25 min, Color, 1968 . . . . $10.00
A series of explorations, episodes and comments on creativity. (Multi-award Winner) (Saul Bass; Pyramid Films) jh, sh, c, a
ART; PSYCHOLOGY

Why Not Accounting?
15 min, Color, 1971 . . . . $8.00
A group of high school students explores a career in accounting with two young, successful accountants. (EBEC) sh
VOCATIONAL GUIDANCE

Why Plants Grow Where They Do.
11 min, Color, 1966 . . . . $7.00
We visit an open field, woodland, desert and pond to learn why plants grow in each area. (Coronet) el
BOTANY; PLANTS

Why Seasons Change.
11 min, B&W, 1962 . . . . $3.50
The yearly turn of the seasons affects the life of man and of the animals and plants on which he depends. Everyone feels seasonal changes, but not everyone knows why summer is warmer than winter, or why the days get longer and shorter. This film explains the seasons by showing the yearly course of the earth around the sun and the changing tilt of the north-south axis, which causes changes in the length of days and the warmth of the seasons. (EBF) el, jh
SEASONS; SOLAR SYSTEMS

Why Study Foreign Languages?
10 min, B&W, 1949 . . . . $3.50
Don Baker can't see any use in studying foreign languages, until his brother Dick returns from a trip to Europe and convinces him that he is wrong. This film demonstrates how knowledge of foreign languages contributes to enjoyment of travel, success of commerce and harmonious international relations. The film emphasizes that this knowledge is necessary to the full appreciation of many great literary works, and gives a richer understanding of our own culture. (Coronet) jh, sh
GUIDANCE, EDUCATIONAL; LANGUAGE AND LANGUAGES; LANGUAGE AND LANGUAGES–STUDY AND TEACHING

Why Study Latin?
10 min, B&W, 1951 . . . . $3.50
The camera visits a high school Latin class where the teacher and several of the students explain why studying Latin is important to them. The values of Latin to an understanding of history, an appreciation of literature, and a mastering of English, plus the practical usefulness of Latin to many professions are presented. (Coronet) jh, sh
GUIDANCE, EDUCATIONAL; LANGUAGE AND LANGUAGES; LANGUAGE AND LANGUAGES–STUDY AND TEACHING

Why Viet-Nam.
32 min, B&W, 1965 . . . . $6.50
Traces the history of the Viet-Nam situation from the French withdrawal up to the present time, and specifically the development of the U.S. commitment there from economic aid to military advisors to combat units. President Johnson, Secretary of State Rusk, and Secretary of Defense McNamara explain the reasons for this growing commitment, our goals in Viet-Nam, U.S. policy toward expanding the war and negotiations. (U.S. Dept. of State; Du-Art Film Lab.) sh, c, a
U.S.–FOREIGN RELATIONS; U.S.–HISTORY; WAR

Why We Respect the Law.
13 min, B&W, 1950 . . . . $3.50
As one of the cornerstones of our democracy, law must work. And if law is to work there must be respect for law. Therefore this film strikes at the heart of teaching *democracy*. Its main theme is the development of an attitude of respect for all law–big and little; a habit of obedience without compulsion. Dramatic highlights in this film teach the social need and the individual need for respect for law. (Coronet) jh, sh, c
SOCIAL ETHICS

Wild Wings.
35 min, Color, 1973 . . . . $13.00
Concern for survival of the many species of wild geese prompted the founding of the unique Wildfowl Trust at Slimbridge, England. This film explores the Trust's many activities in the conservation and study of wildfowl: their life, their migrations, their food, their ailments, their behavior, their relationships with one another. Winner of the 1967 Academy Award for Best Live Action Short. (IFB) jh, sh, c, a
ECOLOGY; WILDLIFE–CONSERVATION

Wilderness Trail.
15 min, Color, 1962 . . . . $3.50
A motion picture record of an actual "pack" trip into the rugged and scenic Bridger Wilderness Area in Wyoming, in the Bridger National Forest. It shows how wilderness areas in National Forests are protected and kept in their natural state for the benefit and enjoyment of all Americans who wish to take advantage of this kind of recreation. Cleared for Television. (USDA) jh, sh, a
CAMPING; NATIONAL PARKS AND RESERVES

Wildlife in the Jungles of Latin America.
17 min, Color, 1963 . . . . $8.00
Presents a study of various animals and plants inhabiting each layer of tree foliage in the Central America jungle. (IFB) jh, sh, c
ANIMALS–HABITATIONS; CENTRAL AMERICA

Will the Gator Glades Survive?
30 min, Color, 1970 . . . . $13.00
Wildlife inhabiting the Florida Everglades is in danger because man is interfering with the natural water supply. Most water is being removed by a warm control system. The result is that during the dry season there is not enough water and when the heavy rains come many animals, such as the deer, die because higher grounds also flood. Alligators, which dig deep holes other animals use in times of drought, are important to the survival of nearly all other inhabitants of the Everglades. They are being killed off by man and because he values alligator hides the illegal hunting of them goes on. Only man can save the alligator and this film recommends boycotting all alligator products. Scenes show the many exotic birds and animals which inhabit the Everglades. (NET) sh, c, a
ECOLOGY; WILDLIFE–CONSERVATION

William Faulkner's Mississippi.
49 min, B&W, 1967 . . . . $9.50
Probes the inner conflicts which Faulkner felt due to the discrepancy between his love of Mississippi and his hatred of the injustices committed in the name of southern tradition. Includes reading from a number of his works. (Benchmark Films) jh, sh, c, a
AUTHORS, AMERICAN; LITERATURE–HISTORY AND CRITICISM

William Shakespeare.
23 min, Color, 1955 . . . . $10.00
Filmed entirely in England, traces the course of William Shakespeare's life from his boyhood in Stratford through his career in the London theatre as actor and dramatist. Contains excerpts from *Romeo and Juliet, Henry V, As You Like It, Julius Caesar, Hamlet*, and *MacBeth* as they would have been performed on the stage of Shakespeare's own theatre, The Globe. The film was produced for Encyclopaedia Britannica Films, Inc. by John Barnes. (EBF) jh, sh, c
BIOGRAPHY; AUTHORS, ENGLISH; ENGLISH LITERATURE

Williamsburg Restored.
44 min, Color, 1951 . . . . $16.00
Emphasizes the profound research and painstaking attention to detail involved in the restoration of Williamsburg to its Eighteenth Century appearance. (Julien Bryan; Colonial Wmsburg Films) sh, c, a
ARCHITECTURE; ART–GALLERIES AND MUSEUMS; U.S.–GENERAL

Williamsburg–Story of a Patriot.
36 min, Color, 1959 . . . . $13.00
This film is a dramatic historical summary of the turbulent years between the imposition of the Stamp Act and the outbreak of the American Revolution. The leading character, John Fry, is a composite of several known Virginia planters of the period. A member of the colonial legislature, he gradually loses his ties with the pro-British faction and, under the direct influence of such persons as Patrick Henry, Thomas Jefferson, George Washington, and George Wythe, aligns himself with the American cause. The authentic events portrayed are from the pages of our nation's past, and the dialogue is taken largely from contemporary eighteenth-century documents and letters. (Colonial Wmsburg Films) sh, c
U.S.–HISTORY: COLONIAL PERIOD; U.S.–HISTORY: REVOLUTION

Willie Catches On.
24 min, B&W, 1963 . . . . $5.00
Even before he is ten years old, Willie sees that some people are treated differently than others. Without direct instruction he knows that there are people who "belong" and people who do not. Willie's parents are not unkind to the Chinese laundryman or the Negro porter or the Jewish children up the street, yet the impression becomes firmly fixed in Willie's mind that these people are "different." When Willie goes to high school and college, the seeds of prejudice, not deliberately sown by any adult, begins to sprout in unmistakable, though polite, acts of intolerance. During his summer job at a fashionable resort he doesn't question the fact that he has privileges denied his Negro colleague. Willie has developed a sure sense of "discrimination" and is easily able to adjust to his "two-faced" world. (McGraw-Hill; NFBC) c
SOCIAL ETHICS

Winds and Their Causes.
11 min, B&W, 1967 . . . . $3.50
A glider soaring over the countryside provides vivid evidence of moving air currents. Demonstrations show that winds are created by unequal heating of air. We see how local winds are caused by lakes and other features, and how global winds are generated by the sun's heating effects, modified by the earth's rotation, and by interaction with other winds. (Coronet) el, jh
ATMOSPHERE; WEATHER

Winds That Kill.
15 min, B&W, 1965 . . . . $3.50
An up-to-date review of hurricanes. The purpose of the film is to convince people to heed precautions announced by the Weather Bureau. Shows modern techniques of hurricane tracking and forecasting using reconnaissance planes, radar, satellites and civil and military observation. Also includes a short section on tornadoes. (USDC) el, jh, sh, c, a
ATMOSPHERE; WEATHER

Winning Our Independence.

34 min, B&W, 1948 . . . . $6.50

This film tells the story of the American Revolution from the viewpoint of Matthew Howard, a hardy colonial who hews his home and fortune out of the wilderness. He is elected to the Virginia House of Burgesses, and following its dissolution, serves on the Committee of Correspondence. When the Revolution breaks out, he leaves his family to fight until independence is won. Dramatic sequences portray the debates over the Stamp Act, and Patrick Henry's immortal speech, "If this be treason, make the most of it." Ensuing episodes depict the hardships of Washington's ragged and starving, but indomitable army. This film was prepared in collaboration with the Audio-Visual Committee of the National Council for the Social Studies. (TFC) el, jh, sh, c

U.S.–HISTORY: COLONIAL PERIOD; U.S.–HISTORY: REVOLUTION

Winter Comes to the City.

11 min, Color, 1970 . . . . $7.00

Snow, winter sports, Christmas window displays are enjoyed for the first time by a boy from the south. (Coronet) el

CHILDREN'S FILMS; SEASONS

Winter Is Here.

9 min, Color, 1967 . . . . $6.00

Examines the barren, snow-covered landscapes of winter for signs of preceding seasons and traces of animal activity. (IFB) el

SEASONS

Winter of the Witch.

22 min, Color, 1970 . . . . $10.00

Nicki and his mother get acquainted with the not-so-wicked witch and learn about her recipe for "happiness pancakes." Whimsical and entertaining, the film offers very human observations on people and the world we live in, and stimulates children to think about basic values. (Parents' Magazine Films; LCA) el

CHILDREN'S FILMS

Winter on the Farm.

11 min, Color, 1948 . . . . $7.00

The film sequences were photographed on a farm in southern Wisconsin, during the months of December, January and February. When Joan and Jerry go into the woods to cut down their Christmas tree, they see a rabbit, a fox, and a deer. They have fun feeding winter birds and helping to feed the cows and horses. Late in February, Joan and Jerry watch for the woodchuck to come out of his den in back of the barn because they know that spring days will come soon. (EBF) el

FARM LIFE

Winter Potpourri.

26 min, Color, 1969 . . . . $3.50

Wintertime is a lively time in Ontario offering a whole range of outdoor recreation to active people of all ages: skiing, snowmobiling, ski-joring, ice-boating, ice fishing. (Dan Gibson Prod.; CTF) el, jh, sh, c, a

CANADA; WINTER SPORTS

Without Warning.

15 min, Color, 1970 . . . . $3.50

The story of a disaster and the people serving those who need help in time of crises. Presents the health professions and the career opportunities available in the health field. (Eli Lilly Co.; National 4-H Service Committee) jh, sh, c

COMMUNITY SERVICES; GUIDANCE, VOCATIONAL; HEALTH

Women of Russia.

11 min, Color, 1968 . . . . $7.00

Documents Russian women, their place in history and their contribution to life in Russia today. No narration. (Julian Bryan; IFF) jh, sh, c, a

RUSSIA

Wonder of Grasshoppers.

13 min, Color, 1959 . . . . $7.00

Uncle Bob shows the life cycle of the grasshopper to his young friends. Its amazing jumping ability is demonstrated. In this study the basic physical structure of all insects is presented. (MIS) jh

INSECTS AND SPIDERS

Wonder of our Body.

12 min, Color, 1958 . . . . $7.00

Uncle Bob uses a camera to introduce Dick and Jackie to some of the wonders of the human eye. The boys eagerly learn about other marvels of the human body: the ears, heart, bone structure and nervous system. Uncle Bob points out the responsibility everyone has to take care of his body. (MIS) jh

BIOLOGY; PHYSIOLOGY

Wonder of Reproduction.

12 min, Color, 1958 . . . . $7.00

In Uncle Bob's aquarium, two boys and a girl see the beautiful Siamese fighting fish building its characteristic bubble nest to house the eggs, the courtship of the male and female, the egg laying and fertilization process and the hatching of the eggs. In a second aquarium the reproduction process of the Egyptian mouth breeder is witnessed. (MIS) jh

BIOLOGY; REPRODUCTION, ANIMALS

Wonder of Water.

12 min, Color, 1958 . . . . $7.00

Uncle Bob solves the mystery of H_2O for his young friends. Electrolysis equipment is used to separate water into hydrogen and oxygen. Bob's demonstrations and simple explanations introduce the student to molecules and the nature of gases. The watercycle is discussed; evaporation and condensation are explored. (MIS) jh

WATER AND WATER SUPPLY; SCIENCE, GENERAL

Wonder Walks: Bending and Reflecting Sunlight.

7 min, Color, 1971 . . . . $6.00

Three boys, experimenting with everyday objects, discover the phenomena of refraction and reflection. (EBEC) el

LIGHT; SCIENCE, GENERAL

Wonder Walks: Let's Find Life.

8 min, Color, 1971 . . . . $6.00

Youngsters view the wide variety of life forms that exist along with man in the city. Two boys discover the habitats and characteristics of birds, insects, household pets, and aquatic creatures. (EBEC) el

SCIENCE, GENERAL

Wonder Walks: What Do They Eat?

5 min, Color, 1971 . . . . $6.00

Shows how animals depend on plants and other animals and insects in an environmental system of eating and being eaten. (EBEC) el

ANIMALS, HABITS AND BEHAVIOR; SCIENCE, GENERAL

Wonder Walks: Where Does Life Come From?

6 min, Color, 1971 . . . . $6.00

Concepts of reproduction, growth and life cycles are introduced through a study of life forms that develop from seeds and eggs. (EBEC) el

REPRODUCTION; SCIENCE, GENERAL

Wonder Walks: World Of Up Close.

9 min, Color, 1971 . . . . $6.00

By revealing the unique qualities of shape, size, color, and texture when familiar objects are viewed in extreme detail, the film stimulates curiosity and encourages careful observation. (EBEC) el

SCIENCE, GENERAL

Wood: Masterpiece of Creation.

28 min, Color, 1966 . . . . $13.00

Looks at the different properties of wood including its complex components, various cuts, the distinction between hard and soft types and its diversity of uses in the home. (Syracuse University College of Forestry; IFB) sh, c, a

FORESTS AND FORESTRY; WOODWORK

Wood Bending: A New Twist.

13 min, Color, 1969 . . . . $7.00

Presents the process of bending wood by using anhydrous ammonia, a process developed by Dr. Conrad Schuerch. (SUNY; IFB) sh, c

WOODWORK

Wood Thrush.

10 min, Color, 1948 . . . . $7.00

Clear, natural thrush songs, nesting, hatching, care and feeding of the young. (Heidenkamp) el, jh, sh, c, a

BIRDS

Woodland Manners.

18 min, Color, 1955 . . . . $3.50

This film shows that it is important for persons who visit the National Forests to observe the necessary sanitary measures, be careful with fire and leave the picnic spots in good condition. (USDA) el, jh, sh

NATIONAL PARKS AND RESERVES

Woodpecker Gets Ready for Winter.
9 min, Color, 1958 . . . . $6.00
Reveals the unique manner in which the "El Carpentero" woodpecker stores acorns for winter. Close-up photography shows the woodpecker's efficient use of its head, beak and claws in providing for the months to follow. As a destroyer of harmful tree insects this carpenter of the forest is demonstrated to be a valuable friend to man. (MIS) el
BIRDS

Woodrow Wilson: Spokesman for Tomorrow.
27 min, B&W, 1957 . . . . $6.50
This film is an analysis of Wilson in the White House and as spokesman for peace through international cooperation. Made up entirely of newsreel shots of Wilson plus reproductions of documents and cartoons of his time, it highlights many of his famous speeches. The Wilsonian concepts–Freedom for Man and A World Safe for Mankind. (McGraw-Hill) sh, c
INTERCULTURAL COOPERATION; U.S.–BIOGRAPHY; U.S.–FOREIGN RELATIONS

Wool.
11 min, B&W, 1947 . . . . $3.50
Tells the complete story of wool from sheep on a Wyoming range through the knitting of the worsted yarn. Shows the sheep being herded and driven to the ranch, and describes each step in the shearing process. Portrays how wool is compressed into bales and then shipped to a mill where it is washed, carded, spun, and finally knitted into sweaters. (EBF) el, jh, sh
TEXTILE INDUSTRY AND FABRICS

Work Around the World.
11 min, Color, 1970 . . . . $7.00
Compares and contrasts work in under-developed and modern countries, emphasizing interdependence and increasing specialization. (Coronet) el
OCCUPATIONS

Work of the Blood.
13 min, Color, 1957 . . . . $7.00
The structure of blood cells and the composition of plasma are revealed through laboratory analysis of a blood sample. Animated drawings and X-ray motion pictures of the circulatory system illustrate the work of the blood–the circulation of food elements and other materials to all body cells, the removal of wastes, the equalization of heat distribution, and the defense against disease. (EBF) jh, sh
PHYSIOLOGY

Work of the Heart.
19 min, Color, 1968 . . . . $10.00
Rare visuals provide intimate close-ups of the structure and functions of the heart. Operating rooms, cardiac laboratories, heart models, photomicroscopy, and artwork–the film combines many varying elements for maximum understanding of this complex organ. (EBEC) sh
BIOLOGY; PHYSIOLOGY

Work of the Kidneys (2nd Edition).
20 min, Color, 1972 . . . . $10.00
Describes structure and function of the renal system, and explains how the kidneys maintain uniformity in blood and tissues. (EBEC) sh, c
BIOLOGY; PHYSIOLOGY

Work of the Wind and Running Water.
19 min, Color, 1969 . . . . $10.00
Answers such questions as what is a dust storm, a ventifact, a deflation basin, a loess? What materials do rivers transport, why do rivers flood, how do great river systems develop? And what is the cause of potholes and plunge pools, land erosion, recession of a waterfall like Niagara? The viewer learns how the wind carries sand and other earth materials, how it abrades rocks and forms sand dunes. Deltas, alluvial fans, gullies, and headward erosion are also explained. (Wiley) c
EARTH; GEOLOGY

Work Simplification Demonstrated by a One-Handed Mother in Bathing a Baby.
12 min, Color, 1960 . . . . $3.50
The application of 14 principles of work simplification to a specific job and a specific disability. The film demonstrates a well-planned child care activity center which suggests possibilities for all members. (UCONN) c, a
SOCIAL SERVICE

Work Simplification Demonstrated by a Wheelchair Mother in Preparing a Formula.
12 min, Color, 1960 . . . . $3.50
The application of 15 principles of work simplification to a specific job and a specific disability. The film also demonstrates effective storage and the adaptation of equipment for a simple wheelchair kitchen. (UCONN) c, a
SOCIAL SERVICE

Working in Watercolor.
18 min, Color, 1959 . . . . $10.00
Designed to stimulate students to use watercolor in an individual and personal style. (IFB) jh, sh, c
ART–STUDY AND TEACHING; PAINTING AND PAINTINGS

Working Together.
12 min, Color, 1952 . . . . $7.00
A practical case study of the necessity of cooperation in an office. As part of a typing pool, Linda demonstrates the correct, rewarding way to tackle an unforeseen, tough job. (EBEC) jh, sh
GUIDANCE, VOCATIONAL

World At Your Feet.
23 min, Color, 1953 . . . . $10.00
Discusses the characteristics of good and poor soil and the importance of conserving the tillable soil we now have. (NFBC; IFB) jh, sh
AGRICULTURE

World at UN Plaza.
29 min, Color, 1968 . . . . $3.50
Provides an inside look at the work of the United States "embassy" to the world organization as well as a study of the United Nations itself. (U.S. Dept. of State) jh, sh
INTERNATIONAL COOPERATION

World In A Marsh.
22 min, Color, 1960 . . . . $10.00
The camera provides an intimate view of the infinite variety of life forms that inhabit the quiet waters of the marsh, recording the activities of some of the insects, small amphibious creatures and birds that have become adapted to life in this strange, miniature world. (McGraw-Hill) jh, sh
AMPHIBIA; ZOOLOGY

World of Andrew Wyeth.
26 min, Color, 1968 . . . . $13.00
The film covers the significant facts in Wyeth's life, especially the influence of his father N. C. Wyeth, the well-known illustrator. The camera explores 49 paintings, giving the viewer both an overall impression of each canvas and a close look at specific details of Wyeth's technique. (ABCTV; IFB) sh, c
ART, MODERN; ARTISTS

World of Carl Sandburg.
59 min, B&W, 1966 . . . . $10.00
Biographer of Lincoln, poetic portraitist of Americans, singer of songs of the people–this was Carl Sandburg. The heritage he left and the history he made are presented with the nostalgic wit which he embodied. (Award winner) (NET; Contemporary) jh, sh, c, a
AMERICAN LITERATURE; AUTHORS, AMERICAN; POETRY

World of Jacques-Yves Cousteau.
48 min, Color, 1966 . . . . $19.00
Records the day-by-day events in the lives of six aquanauts who pioneered an inner space expedition 328 feet below the surface of the Mediterranean for 27 days. (National Geographic; Films Inc.) sh, c
EXPLORERS; MARINE BIOLOGY; SCIENCE, GENERAL

World of Little Things.
15 min, Color, 1954 . . . . $8.00
This film shows the amoeba, volvox, paramecium, and didinium; and describes the structure of such marine life as Flatworms, Medusa, and Protozoans. Algae and Diatoms are also shown in relation to their variety and usefulness to man. (MIS) jh, sh, c
BOTANY; MICROORGANISMS; ZOOLOGY

World of Semiconductors.
38 min, Color, 1962 . . . . $13.00
This film describes the electrical properties of semiconductor materials, the effects of adding various controlled impurities, and the way in which semiconductors can be used for rectification or as amplifiers. (Association of Electrical Engineers; IFB) sh, c, a
ELECTRONICS

World Of Up Close.
9 min, Color, 1972 . . . . $6.00
By revealing the unique qualities of shape, size, color, and texture when familiar objects are viewed in extreme detail, the

film stimulates curiosity and encourages careful observation. (EBEC) el
SCIENCE, GENERAL

World War I.
27 min, B&W, 1957 . . . . $6.50
Through documentary scenes of the period and the actual words of historical figures, this film brings to life the events which led the United States into war; describes the course of the war, and Wilson's role at the peace conference. The historical scenes were made available to Encyclopaedia Britannica Films by the National Archives, Washington, D.C. (EBF) jh, sh
EUROPEAN WAR: 1914-1918; U.S.–HISTORY: 1898-

World War II (Prologue, U.S.A.).
28 min, B&W, 1956 . . . . $6.50
This film brings to life some of the kaleidoscopic events of the stirring period between the end of World War I and Pearl Harbor. It provides a chronological account of major occurrences. Historical scenes in the film are from the National Archives, Washington, D.C. The film story closes with the official entry of the U.S.A. into the War. (EBF) jh, sh, c
U.S.–HISTORY: 1898-; WORLD WAR: 1939-1945–CAUSES

World War II: Background and Causes.
16 min, B&W, 1963 . . . . $4.00
Beginning with the end of World War I, this film analyzes the many problems left unsettled by the Versailles Treaty and relates them to the events that led to the outbreak of World War II. Historic film footage focuses on the leading personalities of the time, the failure of the League of Nations, and the rise of totalitarian Germany, Italy and Japan against a background of appeasement by the western democracies. (Coronet) sh
U.S.–HISTORY: 1898-; WORLD WAR: 1939-1945–CAUSES

World War II: 1939-1941.
16 min, B&W, 1963 . . . . $4.00
From Poland to Pearl Harbor, the ruthless military efficiency and lightning-quick tactics of the Axis powers gained them an early advantage over the unprepared democracies. Military and newsreel films, including captured German and Japanese footage, show early Axis successes on the Western Front, the Battle of Britain, the invasion of Russia, Japanese conquests in Asia, and increasing United States involvement with the Allied cause. (Coronet) sh
U.S.–HISTORY: 1898-; WORLD WAR: 1939-1945

World War II; 1942-1945.
16 min, B&W, 1963 . . . . $4.00
Beginning with the entry of the United States into the war, this film shows the Allied invasion of Europe, and the combined land, sea and air operations in the Pacific as the Allies moved steadily on two fronts from a defensive position to final victory. Historic war films combined with an analysis of the major campaigns and grand strategy give an over-all view of the conflict. (Coronet) sh
U.S.–HISTORY: 1898-; WORLD WAR: 1939-1945; WORLD WAR: 1939-1945–CAMPAIGNS

World-Wide Naval Operations, 1815-1860.
20 min, Color, 1957 . . . . $3.50
This history film shows by still picture processes the important contributions of the U.S. Navy in war and peace. Film sequences include the war against Algiers, Caribbean trouble spots, formation of naval squadrons for East India, the Mediterranean, and Pacific areas, the changes in ship design and ordnance, and American trade protection. The film story also portrays naval operation in the Seminole and Mexican wars. (U.S. Navy; UWF) el, jh, sh, c
U.S.–HISTORY: 1783-1900; U.S.–NAVY

Worms (The Annelida).
14 min, Color, 1956 . . . . $8.00
This film will give students a unique opportunity to study the four classes of annelid worms–their structure, behavior, and habitats. (EBF) sh, c
ZOOLOGY

Worms To Wings.
13 min, Color, 1955 . . . . $7.00
The metamorphic process of the Anise swallowtail butterfly is shown in its entirety. Each stage from egg to butterfly is clearly revealed. (MIS) jh, sh
BIOLOGY; INSECTS AND SPIDERS

Writing a Good Paragraph.
11 min, Color, 1963 . . . . $3.50
A creative film device combining live action photography, still photographs, and words on the screen, shows us how to develop paragraphs logically by using such unity devices as time, space, and contrast. In addition, the film illustrates the use of key words, phrases, and ideas for making a smooth transition from one paragraph to another. (Coronet) jh, sh
ENGLISH LANGUAGE–COMPOSITION AND EXERCISES

Writing Through the Ages.
10 min, B&W, 1950 . . . . $3.50
Presents a chronological history of writing as a means of communication. Shows ways in which writing evolved from pictures and signs and illustrates that local materials used as writing tools influenced the methods of sign making and writing. Depicts and analyzes significant features of early Chinese, Mesopotamian, and Egyptian writings, Stresses contributions of Phoenicians, Greeks, and Romans to our present alphabet. (EBF) el, jh, sh
COMMUNICATION–HISTORY

Wyeth Phenomenon.
26 min, Color, 1967 . . . . $13.00
Displays more than forty of Wyeth's paintings which provide an in-depth study of the famous artist. (CBS, BFA) sh, c, a
ART; ARTISTS

Wynken, Blynken and Nod.
4 min, Color, 1972 . . . . $6.00
Barbara Cooney's gentle and dreamlike illustrations beautifully complement the fluid camera movement and sensitive reading that makes the cinematic rendition of this favorite poem a memorable experience for young and old alike. (Weston Woods; Cochran) el, jh, sh, c, a
CHILDREN'S FILMS

X

X-Ray Crystallography.
21 min, B&W, 1960 . . . . $5.00
Explains the production and properties of X-rays and shows the way in which crystals can be used as diffraction gratings for X-rays. The interpretation of crystal structure from diffraction patterns, and the way in which materials in powder form can be studied, are described. The film ends with an example of the use of X-ray crystallography in industry. (McGraw-Hill) sh, c
PHYSICS

Y

Yankee Across Europe.
51 min, Color, 1967 . . . . $19.00
Follows a voyage of the Brigantine Yankee to the seafaring areas of Europe. Depicts the varying topography of European coastal areas and the type of maritime activity typical of each country visited. (NGS) jh, sh, c
ANTHROPOGEOGRAPHY–EUROPE

Yeats Country.
18 min, Color, 1965 . . . . $10.00
This film sets William Butler Yeats' poetry to sight with scenes and impressions of the places which inspired his writing. The Irish landscape with its mountains, rivers and lakes, buildings and legends, has been filmed to fulfill visually the moods and impressions Yeats worded. The commentary relates the places shown and the things Yeats wrote to his own history and the social environment of his time. (Aengus Films; IFB) sh, c, a
LITERATURE; POETRY

Yorktown.
8 min, Color, 1972 . . . . $6.00
Recounts how Britain's Southern campaign against the colonists ended in final surrender at Yorktown in 1781, with the colonies winning their independence. (EBEC) jh, sh
U.S.–REVOLUTION

Yosemite.
18 min, Color, 1955 . . . . $10.00
Portrays the splendor of gigantic valleys and cliffs, shining waterfalls and dark forests in Yosemite, one of America's famous national parks. Reviews geologic history in showing its development. (EBF) el, jh, sh, c
GEOLOGY; NATIONAL PARKS AND RESERVES

You Be The Judge.
13 min, Color, 1971 . . . . $7.00
Gives the viewer an opportunity to witness three typical cases affecting juveniles, and judge each case through "stop projector" technique. The entire process of arrest, detention and booking, and judging by the court is vividly depicted as the viewer becomes the judge. (AIMS) jh, sh
GUIDANCE; PERSONAL; LAW

You Don't Need To Die.
29 min, Color, 1971 . . . . $13.00
Over 40,000 Americans a year die in automobile accidents. Yet with the design and engineering skills that are available for highway and automobile construction, many accidents could be prevented and many of these people need not die. (NBC) jh, sh, c, a
SAFETY EDUCATION

You Never Walk Alone.
23 min, Color, 1969 . . . . $3.50
Describes 4-H clubs, activities and educational events with special emphasis on suburban and urban communities. (Rutgers Univ.) el, jh, sh
COMMUNITY SERVICES

You Owe It To Yourself Film Series
Moderated by nationally-known TV personality Allen Ludden, "You Owe It To Yourself" is an educational quiz show series which tests contestants on different aspects of family and personal money management. Each program, husband and wife teams answer practical questions on how they save, spend, invest, and protect their money. Grading answers of contestants and passing along vital money management information are: Elsie Fetterman, Ph.D., Professor of Family Economics, University of Connecticut, Storrs, Conn.; Larry D. Coleman, Ph.D., Professor of Family Economics, Indiana State University, Terre Haute, Ind.

You Owe It To Yourself: Automobile and Homeowner's Insurance.
30 min, Color, 1974 . . . . $13.00
Investigates bodily injury, property damage, collision, comprehensive, "no fault," factors influencing premium costs, and homeowner's property and liability coverage. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION

You Owe It To Yourself: Banks and Banking.
30 min, Color, 1974 . . . . $13.00
Considers types of banks, services offered, interest rates, compound interest, types of accounts, government bonds, and Christmas Clubs. (WITF-TV; UCONN) sh, c, a
BANKS AND BANKING; CONSUMER EDUCATION

You Owe It To Yourself: Budgeting and Buying.
30 min, Color, 1974 . . . . $13.00
Deals with good shopping practices, getting the most for your dollar, budgeting, and categories of family expenses. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION

You Owe It To Yourself: Consumer Credit.
30 min, Color, 1974 . . . . $13.00
Presents advantages and disadvantages of using credit, forms of credit, charge accounts, interest charges, installment sales, "truth in lending" laws, and the extent to which individuals should use credit. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION; LAW

You Owe It To Yourself: Estate Planning.
30 min, Color, 1974 . . . . $13.00
Treats probate, valid wills, trusts, executors, administrators, guardians, how to minimize estate shrinkage, joint ownership, tenancy in common, and tenancy in the entirety. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION; LAW

You Owe It To Yourself: Health Insurance.
30 min, Color, 1974 . . . . $13.00
Covers types of health insurance programs, provisions of health insurance policies, major medical, and workmen's compensation. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION

You Owe It To Yourself: Housing.
30 min, Color, 1974 . . . . $13.00
Explores housing prices, contracts of purchase, mortgages, settlement costs, condominiums, apartment rentals, and the role of real estate brokers. (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION

You Owe It To Yourself: Investments and Risk Capital.
30 min, Color, 1974 . . . . $13.00
Probes "net worth," assets, liabilities, stocks and bonds, dividends, mutual funds, preferred and common stocks, and municipal bonds. (WITF-TV; UCONN) sh, c, a
BUSINESS; CONSUMER EDUCATION

You Owe It To Yourself: Life Insurance.
30 min, Color, 1974 . . . . $13.00
Discusses reasons for buying life insurance, how much to buy, types of policies, annuities, beneficiaries, and who needs life insurance, (WITF-TV; UCONN) sh, c, a
CONSUMER EDUCATION

You Owe It To Yourself: Social Security.
30 min, Color, 1974 . . . . $13.00
Treats types of benefits, benefit availability, amounts of benefits, medicare, and benefit eligibility. (WITF-TV; UCONN) sh, c, a
AGED; CONSUMER EDUCATION

You'll Get Yours When You're Sixty-Five.
40 min, B&W, 1973 . . . . $8.00
Although many Americans believed Social Security to be a dangerous, radical idea when it was introduced in 1935, 29 other nations had adopted such systems prior to us. Even today, coverage is inferior to that of other nations. For example, in West Germany, citizens receive free lifetime health care and pensions equal to, or greater than, their salaries when they retire. Film's conclusion is that you better plan now for retirement, because you won't be too secure with Social Security alone. (CBS; Carousel) c, a
AGED; SOCIAL PROBLEMS; SOCIOLOGY. U.S.—GOVERNMENT

Young People's Concert Series: Sound of an Orchestra.
60 min, B&W, 1965 . . . . $10.00
Leonard Bernstein demonstrates how an orchestra's interpretation must express the characteristic musical textures and colors of different composers, national origins, and periods of music history. The orchestra demonstrates two interpretations of the "Largo" from Haydn's *Symphony No. 88* as well as excerpts from compositions by Beethoven, Brahms, Debussy, Stravinsky, Gershwin, and Copland. (Award Winner.) (CBS; McGraw-Hill) el, jh, sh, c
MUSIC—ANALYSIS, APPRECIATION; SYMPHONY

Young People's Concert Series: What Does Orchestration Mean?
60 min, B&W, 1965 . . . . $10.00
Playing Rimsky Korsakov's *Capriccio Espagnole*, Leonard Bernstein shows how different themes are "clothed" by the composer in the instruments which best suit them. He demonstrates how inept the "wrong" instrument can sound, and familiarizes his audience with the qualities which distinguish woodwinds, strings, brass, and percussion instruments. The orchestra performs excerpts from compositions by Schubert, Hindemith, Schumann, Mozart, Prokofiev, Stravinsky, Ralph Vaughn-Williams, and Ravel's *Bolero* in its entirety. (Award Winner.) (CBS; McGraw-Hill) el, jh, sh, c
MUSIC; MUSICAL INSTRUMENTS

Young People's Concert Series: What Is Sonata Form?
60 min, B&W, 1966 . . . . $10.00
Leonard Bernstein draws on familiar terms of reference to make the principles of sonata form abundantly clear. He demonstrates the expanded "A-B-A" form sound in a sonata. The key relationships of themes are analyzed, the use of tonic and dominant keys to achieve balance and contrast. The orchestra plays Prokofiev's *Classical Symphony* and the first movement of Mozart's *Jupiter Symphony* as examples of the sonata form. (Award Winner.) (CBS; McGraw-Hill) el, jh, sh, c
SONATA

Young People's Concert Series: What Makes Music Symphonic?
60 min, B&W, 1965 . . . . $10.00
Leonard Bernstein shows how a composer uses growth and change in the thrilling development of sounds and ideas that produce a symphony. He demonstrates with variations on a theme, sequences, imitations, counterpoints, augmentation, diminution, and accompaniment. The orchestra performs symphonies by Mozart, Beethoven, Sibelius, Tchaikovsky, Gershwin, and Brahms' Second Symphony in its entirety. (Award Winner.) (CBS; McGraw-Hill) el, jh, sh, c
MUSIC—ANALYSIS, APPRECIATION; SYMPHONY

Your Body and Its Parts.
12 min, B&W, 1965 . . . . $3.50
Provides an overview of the human physiology presented in the other six films of the series. It shows that when parts of the

body work together to do a particular job, they form what is called a *system*. Different systems are introduced: the muscle system, the respiratory system, the circulatory system, the skeleton and the nervous system. Also shows how the systems of the body work together in performing many body functions. (EBF) el
PHYSIOLOGY

Your Communications Skills: Writing.
11 min, Color, 1969 . . . . $7.00
Shows how to select words to accurately communicate a particular message and what effect the appearance of a written message may have on the reader. (Coronet) el
LANGUAGE ARTS

Your Ears.
6 min, B&W, 1965 . . . . $3.00
6 min, Color, 1965 . . . . $6.00
In this film children discover some of the ways in which they depend on their ears. Through animated sequences they learn what happens when sound enters the ear. As with the other films in the series, function is explained first, then good health habits are stressed. (EBF) el
HEARING; HYGIENE; PHYSIOLOGY

Your Environment Is The Earth.
12 min, Color, 1968 . . . . $7.00
Demonstrates that our environment is our surroundings. The surface of the earth provides the necessities of air, food, and temperature. To explore other environments such as space or the ocean floor, man must provide ways of taking his environment with him. (Altschul; Journal Films) el, jh
EARTH; ECOLOGY; SCIENCE, GENERAL

Your Eyes.
7 min, B&W, 1965 . . . . $3.00
Sometimes it takes a game like Blind Man's Bluff to make us realize how much we depend on our eyes. Children in this film demonstrate ways in which we depend on our eyes. Simple animation shows how this delicate instrument, the eye, works. The film concludes by showing ways in which we can take good care of our eyes. (EBF) el
HYGIENE; PHYSIOLOGY; SIGHT

Your Friend the Forest (Keep It or Destroy It).
6 min, Color, 1954 . . . . $6.00
A field trip on film designed for use in primary and middle grades science units on conservation. The forest is home for birds and animals, it is the source of lumber for people, and it is a place for recreation, but it cannot run away from or protect itself from its most dangerous enemy–fire. (EBF) el
CONSERVATION; FIRE PREVENTION; FORESTS AND FORESTRY

Your Friend the Soil.
7 min, Color, 1954 . . . . $6.00
This film uses both animation and photography to present an appealing and graphic illustration of the importance of our natural resources. It shows that good soil, and the good food it can produce, are a part of each child's share in our national heritage. (EBF) el
SOIL CONSERVATION

Your Friend the Water (Clean or Dirty).
6 min, Color, 1954 . . . . $6.00
In this film the sources and value of pure water are shown in striking contrast to the causes and wastefulness of water pollution; both clean and dirty water are presented in terms that young children will appreciate. (EBF) el
POLLUTION; WATER AND WATER SUPPLY

Your Government: Congress.
10 min, B&W, 1950 . . . . $3.50
This film shows the functions of the two houses of Congress–how a Congressional bill is introduced, considered and acted upon. It explains the powers peculiar to the Senate and those peculiar to the House of Representatives. Of great interest is the relationship of the Congress to the Presidency and to the Supreme Court. (MOT) jh, sh, c, a
U.S.–GOVERNMENT

Your Government: Presidency.
10 min, B&W, 1950 . . . . $3.50
The present strong position of the Presidency is traced from the constitutional beginnings of the office, through the development of the implied powers to the unique status of the Presidency today. In documenting the growth of the office, the film relates the Presidency to the men who have held the office and to the events that shaped their conduct of it. (MOT) jh, sh, c, a
U.S.–GOVERNMENT

Your Government: Supreme Court.
10 min, B&W, 1950 . . . . $3.50
How the Supreme Court works, how a case gets to and through the Court, and the extent of its authority are given major emphasis. Here too, we come to understand the place of the Court in preserving our political institutions and its effect upon the national life. (MOT) jh, sh, c
U.S.–GOVERNMENT

Your Protection Against Disease.
8 min, B&W, 1965 . . . . $3.00
"Why is Kathy sick?" asks her brother Rob in this film, when illness upsets the family's plan for a picnic. Some of the ways in which germs spread disease are shown, with examples of health habits that can prevent this. The film also shows how the body has certain ways of controlling the microorganisms that do enter the body. (EBF) el
DISEASES; HYGIENE; PHYSIOLOGY

Your Sleep and Rest.
6 min, B&W, 1965 . . . . $3.00
Why we need sleep and rest. This film uses animation and simple analogies to show important body processes. In this case, emphasis is placed on the need for body cells to replenish their energy and building materials, and to eliminate wastes which accumulate. The part played by the circulatory system in this process is emphasized. (EBF) el
HYGIENE; PHYSIOLOGY

Your Study Methods.
11 min, B&W, 1964 . . . . $3.50
Effective study methods result from thinking about an assignment, considering its requirements and its purpose, and working it through in a systematic way. As various pupils apply these principles in a variety of study assignments, we learn the value of planning, organizing materials, using classroom and library resource material, note-taking, and outlining. (Coronet) el
STUDY SKILLS

Your Study Skills: Reviewing for a Test.
11 min, Color, 1970 . . . . $7.00
Humorous examples illustrate preparations for a test: picking out key information, organizing it, and repeating it in your own words. (Coronet) el
STUDY SKILLS

Your Study Skills: Using Reference Materials.
13 min, Color, 1970 . . . . $7.00
Introduces and shows how to use many reference materials, with emphasis on dictionaries, almanacs and encyclopedias. (Coronet) el
STUDY SKILLS

Your Teeth.
6 min, B&W, 1965 . . . . $3.00
Through simple animation, this film shows how the first teeth form. Some of these are for cutting, some for grinding food. Later these are replaced by larger teeth, which have to last all your life. The way decay can start is shown, and the importance of good dental habits and good food is stressed. (EBF) el
HYGIENE; PHYSIOLOGY; TEETH

Your Thrift Habits.
11 min, B&W, 1965 . . . . $3.50
When Tony wants to buy a new camera, his father helps him establish good thrift habits. Tony learns to distinguish between fixed and flexible expenses and to choose among his flexible expenses. Thus, he is able to save for both short-range and long-range goals. Learning to manage his money, Tony begins to understand that thrift is the absence of waste. (Coronet) jh, sh
ECONOMICS; GUIDANCE, PERSONAL

Your Voice.
10 min, B&W, 1950 . . . . $3.50
Describes the four phases of voice production: respiration, phonation, resonance, and articulation. Presents actual photography of the vocal folds in operation. Animated drawings, together with considerable demonstration material, clearly explain the various processes. The film emphasizes the role of proper exercise for improving the voice; and the use of the voice in speaking and singing is illustrated. (EBF) jh, sh, c
SPEECH; VOICE

Yours for a Song.
14 min, Color, 1961 . . . . $8.00
This film tells the story of a man and his wife who built a bird sanctuary on the grounds of their home, and portrays the joy and excitement of attracting birds into your yard or garden when food, water, and shelter are properly provided. Among the

twenty-four different kinds of birds in the film story the following are included: Cedar Waxwing, Cardinal, Bluebird, Robin, Ruby-throated Hummingbird, Red-eyed Vireo, Purple Finch, Pine Siskin and Evening Grosbeak. (Roy Wilcox Productions) el, jh, sh, c, a
BIRDS

Youth and the Law.
36 min, B&W, 1962 . . . . $6.50
Looks at the role of the police as they work with community organizations to guide youthful energies into constructive channels and to prevent delinquency. (Mental Health Board; IFB) c, a
COMMUNITY LIFE; JUVENILE DELINQUENCY; POLICE

Youth Builds A Nation In Tanzania.
18 min, Color, 1970 . . . . $10.00
Emphasizes the importance of "nation building" by showing how girls of an African government-operated secondary school are helping their country develop a better standard of living. (EBEC) jh, sh
AFRICA

Yugoslav Boy–Story of Frane.
18 min, Color, 1967 . . . . $10.00
Explores a boy's way of life on the island of Brac, Yugoslavia – his schooling, games, food, summer job. (EBEC) el
STORIES

Z

Zebra.
10 min, Color, 1972 . . . . $7.00
Like the horse, whom it resembles, the zebra travels in large herds, following edible grasses and available water. Scenes show zebras as sociable and playful, greeting each other with conversational barking noises, enjoying running games, and grooming each other with their teeth while they depend on friendly birds to signal approaching danger. (EBEC) el, jh
ANIMALS–HABITS AND BEHAVIOR

Zikkaron.
6 min, Color, 1971 . . . . $6.00
This animated film from the National Film Board of Canada is one of the best. It is an allegory on film by animator Laurent Coderre, in which fleeting, ephemeral images depict the cycle of life, or even, on a broader plane, the course of man's evolution. (NFBC; IFB) sh, c
ALLEGORY; PHILOSOPHY

Zlateh the Goat.
20 min, Color, 1974 . . . . $10.00
Filmed version of a tender folktale by one of the great Yiddish authors, Isaac Beshevis Singer, known for his rich and haunting novels of Jewish life and folklore. Zlateh the Goat is an authentic tale about village life in pre-war Poland. The adventures that befall Aaron and his beloved goat on their way to the butcher's portray the ultimate interdependence of man and nature, the need of all living things for one another. In time of crisis the boy and his goat turn to one another for comfort, warmth and survival, and it is this trust and reliance on one another that ultimately saves their lives. (Weston Woods) el, jh, sh, c, a
LITERATURE; STORIES

Zoo.
11 min, Color, 1949 . . . . $7.00
A gay, colorful visit to one of the world's largest, most modern zoos where animals are observed in areas simulating their natural habitats. Includes intimate and fascinating studies of polar and kodiak bears, lions, tigers, kangaroos, alpacas, giraffes, zebras, baboons, sea lions, hippopotami, rhinoceroses, and elephants. Excellent natural color and close-up photography contribute much to realism and authenticity. (EBF) el
ANIMALS–HABITS AND BEHAVIOR

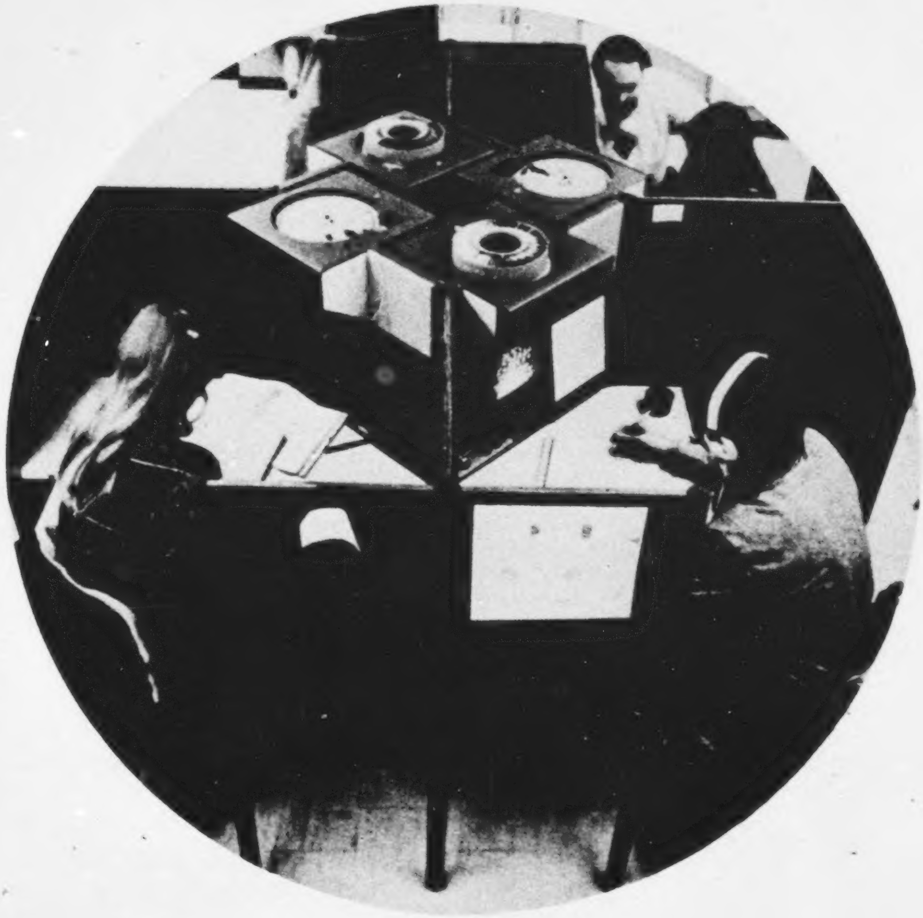
Zoo Animals in Rhyme.
11 min, B&W, 1965 . . . . $3.50
Amusing rhymes tell us something about zoo animals children love most–the lion, monkey, elephant, kangaroo, giraffe, bear, and many others. A basis for story-telling, vocabulary building, rhyme-making, and many related activities, this film also brings to the classroom beginning science concepts about animal life. (Coronet) el
ANIMALS–STORIES

Zoo's Eye View: Dawn to Dark.
11 min, Color, 1972 . . . . $7.00
The film is a non-narrated, impressionistic study depicting the drama of a typical day at the zoo. (EBEC) el
ANIMALS–HABITS AND BEHAVIOR

Zoos of the World.
55 min, Color, 1970 . . . . $19.00
Focuses on the new look in zoos which exhibit animals in their natural surroundings without cages. Provides a tour of some of the best zoos throughout the world. Stresses that a number of endangered species exist today only in zoos. (National Geographic Society; Films Inc.) el, jh, sh, c, a
ANIMALS–HABITS AND BEHAVIOR; WILDLIFE–CONSERVATION

GRADUATE PROGRAMS

INSTRUCTIONAL MEDIA AND TECHNOLOGY



SCHOOL OF EDUCATION
THE UNIVERSITY OF CONNECTICUT
1974-

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SCHOOL OF EDUCATION
UNIVERSITY OF CONNECTICUT

1974

INSTRUCTIONAL MEDIA AND TECHNOLOGY

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INSTRUCTIONAL MEDIA AND TECHNOLOGY

GENERAL INTRODUCTION

The following is the revised graduate academic audiovisual program of the School of Education, to be identified as "Instructional Media and Technology."

The basic intent of the program is to update, expand and modernize the media program to one that more adequately provides graduate students with the necessary competencies to compete for jobs on the national level. While the former program trained for state certification, it was extremely limiting in national scope, and duplicated by state colleges and universities within the surrounding states.

The Instructional Media and Technology program is organized on the basis of desired competencies and task analysis of the roles and functions carried out by successful practitioners, and the national leadership in the field. Most importantly, it trains for the competencies as specified in the Joint NEA:AECT, AASL, ALA Media Standards of 1974. As a unified media program, it incorporates present certification requirements, if one is interested in that level of training. The curriculum is more formally designed around seven major core areas of instruction, regardless of degree or certificate level sought by the student (M.A., Sixth Year, or Ph.D.). The required core areas of instruction are as follows:

I. Psychological Foundations
II. Social Foundations of Education
III. Research and Evaluation
IV. Administration
V. Curriculum and Supervision
VI. Instructional Media and Technology
VII. Data Processing

These areas have been carefully identified to provide tomorrow's media director and technologist with the essential competencies and basic knowledge needed to serve in his expanded and significant role in education. Whereas in the past, the audiovisual director procured and distributed equipment, new demands require a more sophisticated educational training program. The new director, more of a generalist, must be vitally concerned with learning, teaching, curriculum and the relationship of media, systems design and technology to these three areas. As media director of a university, college, community college or school system, the present day media administrator is generally responsible for audiovisual, library, television and, in many cases, data processing. The director serves on a variety of academic (curriculum) and administrative (space renovating, architectural, and facilities design) committees. The newly expanded roles required by the leadership in this profession obviously demand a much more sophisticated academic graduate program than previously existed. The M.A., Sixth Year and Ph.D. programs outlined in the following pages of the revised program train for these required unified competencies.

Area VI, Instructional Media and Technology, has been expanded from a limited number of media courses to include courses in research in technology, management of unified programs, advanced graphic communications, advanced educational television, cinematography, practicums in media, library training and data processing. In addition to new courses, it is important to note that specialized courses have been consolidated. For example, three courses in administration existed: one for school districts, one for school buildings, and one for library administration, with television omitted. The new program consolidates these three administrative courses and adds television into one unified course in management.

The graduate program in Instructional Media and Technology is designed to prepare leadership at three levels, the M.A. core, the Sixth Year core, and the Ph.D. core programs. While all three core areas of instruction utilize the seven areas of Psychological Foundations; Social Foundations of Education; Research and Evaluation; Administration; Curriculum and Supervision; Instructional Media and Technology; and Data Processing, it is important to note that each program differs primarily in depth of competencies in each of the seven areas, i.e., minimum competencies in each of the seven areas for a M.A. candidate, greater depth for the Sixth Year applicant, and extensive depth for the Ph.D. degree. While the programs include a uniformity in core design, they also provide for the adviser and student a significant flexibility in core selection and depth, depending on the student's background. Most important, the candidate who is enrolled in the graduate Instructional Media and Technology program in the School of Education will acquire competencies that will enable him to compete for positions at the national level as specified in the Joint NEA:AECT, AASL, ALA Media Standards of 1974. The faculty of the media center, listed on the cover page of this document, are functioning as a core staff to assure a continued relevant national program and to assist in placing the graduates of our unified academic program in this vital field.

CORE AREAS OF INSTRUCTION

M.A., SIXTH YEAR OR Ph.D. DEGREE IN

INSTRUCTIONAL MEDIA AND TECHNOLOGY

I. Psychological Foundations

EDFC. 432 Psychological Foundations of Education
EPSY. 334 Human Nature: Its Significance for Education
EPSY. 335 Learning: Its Implications for Education

II. Social Foundations of Education

Historical and Philosophical Foundations of Education:
- EDFC. 306 Philosophy of Education
- EDFC. 374 History of Western Education
- EDFC. 375 History of American Education

Social-Cultural Foundations of International Education:
- EDFC. 402 Sociological Foundations of Education
- EDFC. 407 Comparative Education and Society
- EDFC. 448 International Education

III. Research and Evaluation

EPSY. 341 Appraising and Reporting Educational Studies
EPSY. 309 Quantitative Methods in Educational Research I
EPSY. 313 Quantitative Methods in Educational Research II
EGEN. 441 Methods and Techniques of Educational Research
EPSY. 344 Construction of Evaluation Instruments

IV. Administration

EDAD. 382 Public School Administration
EDAD. 430 Theories of Educational Administration
EDAD. 388 Public School Buildings and Equipment
EDAD. 395 Public School Finance

V. Curriculum and Supervision

Curriculum Development:
- EDFC. 325 Foundations of Curriculum Development
- EDFC. 330 Theory and Research in Curriculum
- EDFC. 328 Secondary School Curriculum
- EDFC. 420 Elementary School Curriculum: Appraisal and Planning

Supervision:
- EDAD. 390 Public School Supervision
- EHTA. 486 Supervision of Technical and Vocational Education

VI. Instructional Media and Technology

EDFC. 319	Audiovisual Media in Education
EDFC. 419	Preparation of Audiovisual Instructional Media
EDFC. 379	Organization and Use of Instructional Television
EDFC. 336	Media Organization
EDFC. 315	Principles of Graphic Communication
EDFC. 443	Administration of Audiovisual Media Services
EDFC. 340	Basic Reference and Information Services
EDFC. 445	Theoretical Basis of Media Utilization
EDFC. 433	Audiovisual Technology in Instructional Systems Development
EDFC. 345	Evaluation, Selection & Acquisition of Media
EDFC. 380	Advanced Organization and Use of Instructional Television
EDFC. 450	Design & Preparation of Multimedia Presentations
EDFC. 316	Advanced Principles of Graphic Communication
EDFC. 381	Practicum in Instructional Media & Educational Technology
EDFC. 460	Practicum in Instructional Media & Educational Technology
EDFC. 410	Research in Instructional Media & Educational Technology

VII. Data Processing

EPSY. 313	Quantitative Methods in Educational Research II
EHTA. 444	Computer Applications in Higher Education Administration

LEGEND: Course Identification Code By Department

EDFC.	Department of Foundation and Curriculum
EPSY.	Department of Educational Psychology
EDAD.	Department of Educational Administration
EHTA.	Department of Higher, Technical and Adult Education
EGEN.	General Education

THE UNIVERSITY OF CONNECTICUT

MASTER OF ARTS GRADUATE STUDY PROGRAM FOR INSTRUCTIONAL MEDIA AND TECHNOLOGY

General Introduction

The Master of Arts degree is intended to prepare school personnel for leadership positions in the area of instructional media and technology. The Master's degree is one of the basic requirements for State certification for supervisory positions in this field.

The student and his adviser cooperate in building a program tailored to the student's needs, interests, and objectives. A typical study plan centers around the utilization, production, learning resources and administration of instructional media and technology. Such a plan is developed in terms of the background of the student and the understanding and ability needed by the media technologist in his various roles.

Professional Roles

Some of these roles are:

Apply knowledge of teaching pedagogy, curriculum, and psychology of learning to the creative use of instructional media.

Assist in curriculum development through the application of instructional media and technology.

Develop, organize and administer school system media services.

Plan and organize effective inservice educational programs in the school.

Work effectively and harmoniously with teachers in formulating and executing policy.

Serve as a resource person for the location of various instructional media.

Select and organize resource materials.

Select and train media service personnel.

Objectives

This program in media strives to develop in the student the ability to:

Formulate teaching/learning objectives.

Make meaningful contributions to curriculum study groups.

Mediate curriculum innovation plans.

Create and integrate media for independent learning.

Choose and assist teachers in choosing appropriate media for given teaching objectives.

Define problems and seek solutions in meeting the school's instructional and support services.

Formulate policies for and promote the use of media by students and teachers.

Identify strengths and weaknesses in media center services.

Establish and implement media policies.

Select and purchase instructional materials and equipment for efficient operation of the learning programs.

Locate sources of commercially available media.

Produce programs for mediated instructional presentations.

Prepare graphic and photographic learning materials.

Admission

The printed admission requirements as set forth in the Graduate School Bulletin must be fully met.

Completion Requirements

The student is required to pass a comprehensive examination based on his overall program of study. This exam is read and approved by a committee of three advisers, one of whom is designated as the major adviser. The remaining two individuals are designated as associate advisers. Throughout his program the student is required to maintain Graduate School standards.

MASTER OF ARTS CORE PROGRAM

INSTRUCTIONAL MEDIA AND TECHNOLOGY

(30 hours minimum)

The Master of Arts Core Program in Instructional Media and Technology assumes that the student will complete a minimum of 30 hours beyond the Bachelor's degree unless otherwise approved by the student's major adviser. Dependent upon the student's background, the Master of Arts Core Program shall consist of the following:

I. Psychological Foundations - 3 hours

EDFC. 432 Psychological Foundations of Education

II. Social Foundations of Education - 3 hours

Historical and Philosophical Foundations of Education:
EDFC. 306 Philosophy of Education
EDFC. 374 History of Western Education
EDFC. 375 History of American Education

Social-Cultural Foundations of International Education:
EDFC. 402 Sociological Foundations of Education

III. Research and Evaluation - 3 hours

EPSY. 341 Appraising and Reporting Educational Studies

IV. Administration - 3 hours

EDAD. 382 Public School Administration (for State Certification)

V. Curriculum and Supervision - 6 hours

EDFC. 325 Foundations of Curriculum Development
EDAD. 390 Public School Supervision

VI. Instructional Media and Technology - 15 hours

EDFC. 319 Audiovisual Media in Education
EDFC. 419 Preparation of Audiovisual Instructional Media
EDFC. 336 Media Organization
EDFC. 379 Organization and Use of Instructional Television
EDFC. 443 Administration of Audiovisual Media Services
EDFC. 381 Practicum in Instructional Media and Educational Technology

THE UNIVERSITY OF CONNECTICUT
SIXTH YEAR GRADUATE STUDY PROGRAM FOR
INSTRUCTIONAL MEDIA AND TECHNOLOGY

General Introduction

The Sixth Year Professional Program was established in 1953. It is supervised by the School of Education, and is a specialized program in preparation for leadership positions in the field of Instructional Media and Technology, generally at the public school and community college levels. The Master's degree is the basis for such advanced work and hence the student is permitted the opportunity to build a program of 30 semester hours of articulated work involving both general and special areas.

Professional Roles

Some of the major professional roles that graduates in this program will carry out, in the positions for which they are preparing themselves, are the following:

Provide leadership for and assist in making innovative changes in the curriculum, making use of group and independent study and planning endeavors for implementation.

Conduct a wide range of evaluative instructional activities.

Organize and administer instructional media and technology service programs.

Design operational learning systems for facilitating media use.

Prepare and implement educational plans and proposals.

Design and produce a wide variety of instructional visualized presentations.

Plan and inaugurate media availability informational systems.

Consult with instructional facility planners and architects.

Prepare specifications for technological media equipment installations and initiate appropriate purchase procedures.

Objectives

Some of the major objectives of the Sixth Year program designed to prepare students for the specified roles are the abilities to:

Formulate teaching/learning objectives and select effective media activities to achieve these objectives.

Choose appropriate media for given teaching/learning objectives.

Give major assistance in the design, preparation and use of instructional systems at any level of instruction.

Identify and prescribe specifications and conditions for media uses in both group and individualized instruction situations.

Plan and carry out evaluational activities having to do with media operations, programs, and personnel.

Design and guide the production of a wide variety of instructional media.

Organize in-service programs to accomplish media-use objectives.

Identify media service needs and prepare optimum logistical and management plans to meet them for any specific service or utilization situation.

Prepare proposals setting forth developmental plans for media services.

Implement and supervise operational plans for media services.

Locate the sources of commercial and non-commercial instructional media.

Prepare and administer budgets based on various levels of resource availability.

Determine and purchase instructional materials and equipment required for efficient operation of the school programs.

Write specifications, based on analysis of instructional functions, for media-use installations.

Design cataloging systems for media retrieval.

Give counsel and guide programs of students in graduate media study.

Prepare instructional materials for a wide variety of media presentations for large group, small group or individualized instruction.

Admission

The School of Education has established detailed, printed requirements under which a qualified student is admitted and guided through the program. All of the prescribed requirements must be fully met.

Completion Requirement

Students who receive the professional diploma in this program must complete all courses in the official plan of study in accordance with the established scholarship standards. In addition students must complete satisfactorily an approved adviser-guided summary project.

SIXTH YEAR CORE PROGRAM

INSTRUCTIONAL MEDIA AND TECHNOLOGY

(30 hours minimum)

The Sixth Year Core Program in Instructional Media and Technology assumes that the student will complete a minimum of 30 hours beyond his Master's degree Depending upon the student's background, the Sixth Year Core Program shall include the core courses or their equivalent, completed for the Master of Arts degree at the University of Connecticut.

Assuming the student has completed his Master of Arts program in Instructional Media and Technology at the University of Connecticut, the Sixth Year Program would consist of the following:

I. Psychological Foundations - 3 hours

EPSY. 334 Human Nature: Its Significance for Education

II. Social Foundations of Education - 3 hours

Historical and Philosophical Foundations of Education:
EDFC. 306 Philosophy of Education
EDFC. 374 History of Western Education
EDFC. 375 History of American Education

Social-Cultural Foundations of International Education:
EDFC. 402 Sociological Foundations of Education

III. Research and Evaluation - 3 hours

EPSY. 309 Quantitative Methods in Educational Research I

IV. Administration - 3 hours

EDAD. 382 Public School Administration (Required for State Certification)
EDAD. 430 Theories of Educational Administration (If EDAD. 382 was taken for Master of Arts)

V. Curriculum and Supervision - 3 hours

EDFC. 330 Theory and Research in Curriculum
EDAD. 390 Public School Supervision

VI. Instructional Media and Technology - 12 hours

EDFC. 315	Principles of Graphic Communication
EDFC. 340	Basic Reference and Information Services
EDFC. 345	Evaluation, Selection and Acquisition of Media
EDFC. 445	Theoretical Basis of Media Utilization
EDFC. 450	Design and Preparation of Multimedia Presentations
EDFC. 380	Advanced Organization and Use of Instructional Television
EDFC. 316	Advanced Principles of Graphic Communication
EDFC. 433	Audiovisual Technology in Instructional Systems Development
EDFC. 381	Practicum in Instructional Media and Educational Technology

NOTE: A fulltime graduate student may take EDFC. 381 in lieu of EDFC. 315 or EDFC. 316.

VII. Data Processing - 3 hours

EPSY. 313	Quantitative Methods in Educational Research II

THE UNIVERSITY OF CONNECTICUT

Ph.D. GRADUATE STUDY PROGRAM

INSTRUCTIONAL MEDIA AND TECHNOLOGY

IN THE FIELD OF CURRICULUM AND SUPERVISION

General Introduction

The doctoral program (Ph.D.) for advanced instructional media and technology is designed to prepare school personnel for instructional technology positions of major responsibility in universities, colleges, community colleges, large school systems, state departments of education and other educational and media organizations of national scope.

The program seeks to provide an optimum mix of competencies in solving instructional media and technology problems of organization, development, and utilization, with competence in several major fields of professional education, such as Psychological Foundations, Social Foundations of Education, Research and Evaluation, Administration, Curriculum and Supervision, Instructional Media and Technology, and Data Processing. The various programs therefore are designed to prepare professionals who possess a broad educational background for unified leadership positions rather than being highly specialized in any one of the many competency areas encompassed by the instructional media and technology field.

Professional Roles

In the instructional media and technology field, professional roles are of great variety ranging from university and state departments of education to business enterprises; from academic to technical installations and services; from administration and logistics to learning and teaching; and from graduate counseling to research and writing. A few of the major roles for which the University of Connecticut program seeks to prepare its doctoral graduates are as follows:

Organize and administer instructional media and technology centers involving a wide range of technical services to faculty and service agencies.

Plan and implement graduate and undergraduate media course programs for teacher education and instructional technology development.

Formulate instructional objectives for and teach a variety of media courses making full use of media facilities for conventional, large-group and individualized instruction.

Provide leadership for innovative changes in curriculum at all levels of instruction using instructional media and technology.

Conduct a wide range of evaluative activities with respect to overall program effectiveness, media appropriateness for purchase and for specific utilization in teaching/learning situations, effectiveness of staff assistants, and with respect to operational systems within an organization.

Design operational systems for facilitating media use in large and small group learning environments.

Plan and inaugurate effective media availability information systems for any service area.

Design and carry out research projects.

Mobilize information, write proposals for recommended action and prepare reports for administrative officials.

Design and produce a wide variety of instructional visualized presentations.

Consult with instructional facility planners and architects with regard to appropriate learning environments.

Prepare specifications for technological media equipment installations and initiate appropriate purchase procedures.

Prepare and implement plans and proposals for financing the costs of media-use services for any organization, large or small.

Objectives

Significant competencies are implied in the professional roles identified in the preceding list. Such competencies are the objectives of the content in the courses making up doctoral student plans. A few of the major objectives that advisees seek to meet are the following:

Ability to:

Give major assistance in the design, preparation and use of instructional systems at any level of instruction.

Identify research problems and prepare designs to implement them.

Identify and prescribe specifications and conditions for media uses in both group and individualized instruction situations.

Write specifications, based on analysis of learning and instructional functions, for media-use installations.

Organize programs of instruction to accomplish media-use objectives and services.

Plan and carry out evaluational activities having to do with media operations, academic programs, and personnel.

Identify media service needs and prepare optimum logistical and management plans to meet them for any specific service or utilization situation.

Prepare proposals setting forth developmental plans for media services in any agency or organization.

Make detailed media-course teaching plans for a specific course for a given set of instructional objectives.

Design and guide the production of a wide variety of instructional media and learning packages.

Prepare curriculum materials for a wide variety of media presentations.

Design cataloging systems for media retrieval.

Prepare and administer budgets based on various levels of resource availability.

Give counsel and guide progress of students in graduate media study programs.

Requirements of the Graduate School

The Graduate School Bulletin describes in detail all of the requirements that have been legislated up to the date of publication. This Bulletin is available upon request from the dean of that school, and all who are interested in or are currently pursuing work at the doctoral level should familiarize themselves with and meet fully all the published requirements and procedures.

Pending careful perusal of the official Graduate School Bulletin the prospective doctoral student needs to know that he must:

(1) Be admitted by the Dean of the Graduate School after the approval and recommendation of a School of Education Doctoral Admissions Committee.

(2) Have an undergraduate scholastic record of at least 26 q.p.r. (nearer a B than a C).

(3) Make a formal application on forms provided by the Dean of the Graduate School (applications may be secured only by writing to the Dean of the Graduate School).

(4) File complete official transcripts, both undergraduate and graduate, with the Dean of the Graduate School (not with the adviser) at the time the application is submitted.

Special Admission Requirements

If the application is in proper order when it is received by the Graduate School, it is referred to the School of Education Doctoral Admission Committee for study and recommendation. Qualified individuals who are interested in the program should arrange for an interview with the doctoral adviser in the area of instructional media prior to formal application. Before an applicant can be approved for graduate study and encouraged to pursue doctoral work, he must meet the following special requirements:

(1) Achieve a satisfactory score on the following three objective entrance examinations as a minimum:

  (a) Graduate Record Scholastic Aptitude Test
  (b) Miller Analogies Test
  (c) The Sequential Test of Educational Progress in Writing

(2) Present evidence of previous scholarly attainments, interests, and potential for growth, indicate strength and validity of motive, and evidence of previous significant experience in the instructional media field.

(3) Have at least five years of highly successful teaching experience (one or more years of administrative and supervisory experience are also extremely desirable,)

(4) Meet the Ph.D. residence requirements established in the Graduate School and/or the School of Education.

Nature of the Program

In this program the prospective director of Instructional Media and Technology will pursue his doctoral studies within the general orientation of professional education. That is, Psychological Foundations, Social Foundations of Education, Research and Evaluation, Administration, Curriculum and Supervision, Instructional Media and Technology, and Data Processing, will constitute the basic reference point for both special and background courses.

It is obvious that the prospective doctoral student needs to study in depth the major fields that are required for his competence. Therefore it is necessary to build advanced study programs to fit individual needs, capitalizing on unique student backgrounds and meeting the requirements for understanding in other fields, particularly in the natural and social sciences. Specifically, the supporting disciplines of philosophy, psychology, sociology, anthropology, political science, economics, and others, need to be considered in the preparation of the instructional media director as a part of the necessary general education.

Since the program of study must meet Graduate School requirements, it must prepare students for the general examinations and meet individual needs; it should not be highly structured in advance, in terms of the number of semester hours of credit and the exact titles of courses to be taken. In the light of general and specific demands of professional activity in this field, however, a Ph.D. core program is provided as a source of guidance for the student and adviser.

The General Examination

Students are required to take the general examination comprising examinations in three or four fields with three to five specialists participating. The student and his Committee decide on the fields for the general examination at the time the doctoral plan of study is approved. The choice of the fields is influenced by the student's research plans and his own basic needs in preparing for positions of major responsibility. The student must demonstrate comprehensive understanding and capability in this series of examinations. Frequently chosen fields, in addition to the field of Instructional Media and Technology, in one combination or another, are Curriculum Development, Administration, Social Foundations, Psychological Foundations, Evaluation, Elementary Education, and Secondary Education.

The Dissertation

When a student has passed his general examination he becomes officially a candidate for the Ph.D. degree. He then enters the crucial phase of his program: work on the dissertation, the topic for which his Committee and the Executive Committee approved prior to obtaining permission to proceed with the general examination. This work of significant character and scope is carried on in continuous touch with the major adviser and his Committee, with all specifications and time limits of the Graduate School being fully met.

The student is advised that ideally a good dissertation topic ought to be in mind and approved by the Committee before getting deeply into the plan of study. Then each course may make maximum contributions to the impending formal research effort.

DOCTOR OF PHILOSOPHY CORE PROGRAM

INSTRUCTIONAL MEDIA AND TECHNOLOGY

Minimum Requirements: "The degree will be awarded only after the Advisory Committee and the Graduate School faculty are convinced that the student has developed independence of judgement and mature scholarship in his chosen field," p.33, Graduate Catalog 1973-74. Further, it is the responsibility of the student to be fully aware of the specifics of the Ph.D. program as outlined in the current University of Connecticut Graduate School catalog.

Depending upon the student's background, the Ph.D. degree core program shall include the core courses, or their equivalent, in Instructional Media and Technology, completed for the M.A. degree at the University of Connecticut.

Assuming the student has completed his M.A. degree or Sixth Year program in Instructional Media and Technology at the University of Connecticut, his program would consist of the following:

I. Psychological Foundations

EPSY. 334	Human Nature: Its Significance for Education
EPSY. 335	Learning: Its Implications for Education

II. Social Foundations of Education

Historical and Philosophical Foundations of Education:

EDFC. 306	Philosophy of Education
EDFC. 374	History of Western Education
EDFC. 375	History of American Education

Social-Cultural Foundations of International Education:

EDFC. 402	Sociological Foundations of Education
EDFC. 407	Comparative Education and Society
EDFC. 448	International Education

III. Research and Evaluation

EPSY. 309	Quantitative Methods in Educational Research I
EPSY. 344	Construction of Evaluation Instruments
EGEN. 441	Methods and Techniques of Educational Research

IV. Administration

EDAD. 382	Public School Administration
EDAD. 430	Theories of Educational Administration
EDAD. 388	Public School Buildings and Equipment
EDAD. 395	Public School Finance

V. Curriculum and Supervision

EDFC. 330	Theory and Research in Curriculum
EDFC. 328	Secondary School Curriculum
EDAD. 390	Public School Supervision
EDFC. 420	Elementary School Curriculum: Appraisal and Planning

VI. Instructional Media and Technology

EDFC. 315	Principles of Graphic Communication
EDFC. 340	Basic Reference and Information Services
EDFC. 345	Evaluation, Selection, and Acquisition of Media
EDFC. 445	Theoretical Basis of Media Utilization
EDFC. 450	Design and Preparation of Multimedia Presentations
EDFC. 380	Advanced Organization and Use of Instructional Television
EDFC. 316	Advanced Principles of Graphic Communication
EDFC. 433	Audiovisual Technology in Instructional Systems Development
EDFC. 460	Practicum in Instructional Media and Educational Technology
EDFC. 410	Research in Instructional Media and Educational Technology
EDFC. 443	Administration of Audiovisual Media Services

NOTE: A fulltime graduate student may take EDFC. 381 in lieu of EDFC. 315 or EDFC. 316

VII. Data Processing

EPSY. 313	Quantitative Methods in Educational Research II
EHTA. 444	Computer Applications in Higher Education Administration

INSTRUCTIONAL MEDIA AND TECHNOLOGY

Graduate Course Descriptions

EDFC. 319 AUDIOVISUAL MEDIA IN EDUCATION

Semester and hours by arrangement. Three credits.
Drs. Reynolds, Scholl, Zalatimo, Sleeman

Emphasizes the basic principles for effective use of the various audiovisual media and their application to learning situations; includes selection of materials, planning, evaluation of methods, media, and the operation of mechanical equipment.

EDFC. 379 ORGANIZATION AND USE OF INSTRUCTIONAL TELEVISION

Semester and hours by arrangement. Three credits.
Drs. Reynolds, Sleeman

The potential contribution of closed-circuit and broadcast television and its application to teaching with attention given to equipment and facilities, program planning and production for the school curriculum, relationships between studio and classroom teachers, and selection and preparation of material.

EDFC. 381 PRACTICUM IN INSTRUCTIONAL MEDIA AND EDUCATIONAL TECHNOLOGY

Semester, credits and hours by arrangement. Prerequisite: At least twelve credits in Education and consent of instructor.
Drs. Sleeman, Zalatimo

The implementation and application of theory in the student's area of specialization; open primarily to Master and Sixth Year students.

EDFC. 340 BASIC REFERENCE AND INFORMATION SERVICES

Semester and hours by arrangement. Three credits.
Ms. Fast, Mr. Byrne

Theory, principles, and techniques of reference and information services. Includes reference interview, analysis of reference questions, the relationship of reference inquiry to source materials, and development of reference policy.

EDFC. 315 PRINCIPLES OF GRAPHIC COMMUNICATION

Semester and hours by arrangement. Three credits. Prerequisite: Consent of Instructor.
Drs. Zalatimo, Scholl

Basic principles, skills, and techniques of graphic communication and their application to problems of communication and education. The course includes creative development and production of slides, filmstrips, and photographic transparencies.

EDFC. 345 EVALUATION, SELECTION AND ACQUISITION OF MEDIA

Semester and hours by arrangement. Three credits.
Ms. Fast, Mr. Byrne

Concepts and practices in the selection and acquisition of media based on objectives and standards for building media collections, with an emphasis on evaluation.

EDFC. 380 ADVANCED ORGANIZATION AND USE OF INSTRUCTIONAL TELEVISION

Semester and hours by arrangement. Three credits. Prerequisite: Foundations and Curriculum 379 or consent of instructor.
Drs. Sleeman, Reynolds

Design for the preparation of the instructional media director to develop television competencies needed for: (1) the production of studio instructional television programs; (2) the supervision of instructional television; and (3) television, directing, writing, and message design.

EDFC. 316 ADVANCED PRINCIPLES OF GRAPHIC COMMUNICATION

Semester and hours by arrangement. Three credits. Prerequisite: Foundations and Curriculum 315 or consent of instructor.
Drs. Zalatimo, Scholl

Advanced principles, skills, techniques and script writing for visual and verbal continuity and sequencing of ideas for graphic communication with emphasis on the practical application of motion picture technology in the production of educational media.

EDFC. 410 RESEARCH IN INSTRUCTIONAL MEDIA AND EDUCATIONAL TECHNOLOGY

Semester and hours by arrangement. Three credits. Prerequisite: Consent of instructor.
Drs. Sleeman, Zalatimo

A course for advanced Ph.D. students in instructional learning system technology, designed to provide competencies in basic research, methodology and theory.

EDFC. 419 PREPARATION OF AUDIOVISUAL INSTRUCTIONAL MEDIA

Semester and hours by arrangement. Three credits.
Drs. Zalatimo, Scholl

The planning and production of audiovisual media for instructional purposes. Preparation of pictures, slides, transparencies, displays, models, graphs, magnetic tapes, motion picture segments, and instructional television programs.

EDFC. 433 AUDIOVISUAL TECHNOLOGY IN INSTRUCTIONAL SYSTEMS DEVELOPMENT

Semester and hours by arrangement. Three credits. Prerequisites: Consent of instructor.
Drs. Scholl, Zalatimo

Teaching strategies, audiovisual technology and the principles of programmed instruction in the development and design of instructional systems.

EDFC. 443 ADMINISTRATION OF AUDIOVISUAL MEDIA SERVICES

Semester and hours by arrangement. Three credits. Prerequisite: Consent of instructor.
Drs. Sleeman, Zalatimo

Management and leadership problems in organizing and developing instructional media and educational technology services.

EDFC. 445 THEORETICAL BASIS OF MEDIA UTILIZATION

Semester and hours by arrangement. Three credits. Prerequisite: Foundations and Curriculum 319, and consent of instructor.
Drs. Scholl, Sleeman, Zalatimo, Reynolds

Relates knowledge of pedagogy, curriculum, psychology of learning, and communication theory to the creative use of instructional media. Problems will be dealt with from the standpoint of the teacher and the supervisor.

EDFC. 336 MEDIA ORGANIZATION

Semester and hours by arrangement. Three credits.
Mr. Byrne, Ms. Fast

Principles of classification, subject cataloging, and descriptive cataloging of media. Considers the problems of user access, bibliographic control of information, and systems for processing media.

EDFC. 450 DESIGN AND PREPARATION OF MULTIMEDIA PRESENTATIONS

Semester and hours by arrangement. Three credits. Prerequisite: Foundations and Curriculum 419, and consent of instructor.
Drs. Zalatimo, Scholl

Students will prepare presentations using slides, motion pictures, audiotapes, and overhead transparencies; and will explore application of other technological developments to multimedia uses.

EDFC. 460 PRACTICUM IN INSTRUCTIONAL MEDIA AND EDUCATIONAL TECHNOLOGY

Either or both semesters. Credits and hours by arrangement. Primarily for doctoral students with consent of instructor.
Drs. Sleeman, Zalatimo

The implementation and application of theory in the student's area of specialization.

APPLICATION AND FINANCIAL ASSISTANCE INFORMATION

Admission

Application forms and further information regarding admission to the Master's and the Ph.D. programs may be obtained by writing to the Graduate Office, Box U-6A, University of Connecticut, Storrs, Connecticut 06268. Applications and transcripts are to be returned to that office.

Inquiries and applications to the Sixth-Year Program should be addressed to The Office of Professional Education, Box U-64, School of Education, University of Connecticut, Storrs, Connecticut 06268.

For further information see the Graduate School catalog.

Financial Assistance

Financial support for graduate students engaged in full-time degree programs at the University is available from the following sources:

1. Tuition and fee scholarships.
2. University of Connecticut research foundation fellowships.
3. University pre-doctoral fellowships.
4. Federal fellowships.
5. Graduate assistantships.
6. University scholarships.
7. Connecticut state graduate scholarships.
8. Minority fellowships.
9. Additional financial aid is available in the form of guaranteed loans, work-study programs, and part-time university employment. Such aid is based on a formal evaluation of the financial needs of the graduate student.

For further information check the University of Connecticut Graduate School catalog or contact the Dean of the Graduate School, University of Connecticut, Storrs, Connecticut 06268.